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ABSTRACT

This seventh volume of the bibliography contains 891 items. An introduction discusses previous volumes in the series, countries covered, and organization of the bibliography. Periodicals searched and the 20 categories used throughout the bibliography are listed. Selected items represent the broadest possible concept of adult education. The bibliography is organized by country, with a section on Europe and a section on Scandinavia. Materials covering two or more countries in separate chapters or sections are listed under each country covered in the source; materials concerned with and organized by one or more aspects of adult education as it occurs in several countries are listed only under Europe or Scandinavia as appropriate. Within the countries, the bibliography is subdivided into categories of the various institutions, methods and techniques, and subject matter, with every source listed in full as the main entry in the applicable major subcategory and cross-referenced by number under any other applicable subcategory. Up to four authors are listed for each multiple author entry in the author index. A subject index lists all entries by subcategories and by countries. (YLB)

ED356353

Adult Education in Continental Europe: An Annotated Bibliography of English-language Materials 1989–1991

Jindra Kulich

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MONOGRAPHS ON COMPARATIVE AND AREA STUDIES IN ADULT EDUCATION

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Monographs Published in This Series

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Training of Adult Educators in East Europe edited by Jindra Kulich. 1977. 130 p. **Out of print.**

Adult Education as a Field of Study and Practice: Strategies for Development by Duncan D. Campbell. 1977. 230 p. $7.50.

Village Literacy Programming in Pakistan: A Comparative ABE Study with Guidelines by Florence E. Hesser. 1978. 207 p. **Out of print.**

Workers' Universities in Yugoslavia: An Adult Education Modality by Ešref Delalić. 1979. 170 p. **Out of print.**

The Universities and Adult Education in Europe edited by Jindra Kulich and Wolfgang Krüger. 1980. 205 p. **Out of print.**

Adult Education in Federal Republic of Germany by Joachim H. Knoll. 1981. 101 p. **Out of print.**

Adult Education in Continental Europe: An Annotated Bibliography of English-language Materials 1975-1979 compiled by Jindra Kulich. 1982. 204 p. **Out of print.**

Adult Education in Continental Europe: An Annotated Bibliography of English-language Materials 1980-1982 compiled by Jindra Kulich. 1984. 173 p. 15.00.

Adult and Non-Formal Education in the Third World: A Jamaican Perspective by Hopeton L.A. Gordon. 1985. 198 p. $15.00.

J.R. Kidd: An International Legacy of Learning by Nancy J. Cochrane and Associates. 1986. 320 p. Hard cover $20.00, paper $15.00.

Adult Education in Continental Europe: An Annotated Bibliography of English-language Materials 1983-1985 compiled by Jindra Kulich. 1987. 145 p. $18.00.

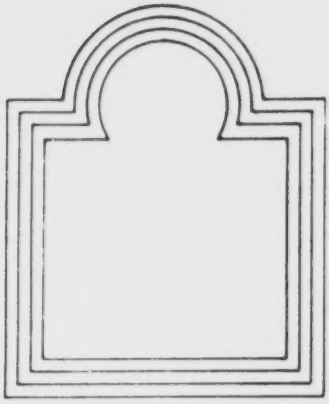
Adult Education in Greece by Marcie Boucouvalas. 1988. 139 p. $15.00.

Comparative Adult Education: State of the Art with Annotated Resource Guide by A.N. Charters and D.A. Siddiqui. 1989. 167 p.15.00.

Adult Education in Continental Europe: An Annotated Bibliography of English-language Materials 1986-1988 compiled by Jindra Kulich. 1990. 154 p. $20.00.

Citizenship and the Adult Education Movement in Canada by Gordon Selman. 1991. 168 p. $18.00.

Adult Education in the Federal Republic of Germany: Scholarly Approaches and Professional Practice edited by Wilhelm Mader. 1992. 257 p. $20.00.



MONOGRAPHS ON COMPARATIVE AND AREA STUDIES IN ADULT EDUCATION

Jindra Kulich, General Editor

CENTRE FOR CONTINUING EDUCATION
THE UNIVERSITY OF BRITISH COLUMBIA
in co-operation with
THE INTERNATIONAL COUNCIL FOR ADULT EDUCATION

Adult Education in Continental Europe: An Annotated Bibliography of English-language Materials 1989–1991

Jindra Kulich

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PREFACE

Interest in the comparative study of adult education has been growing in many parts of the world since the first conference on comparative adult education held at Exeter, U.S.A. in 1966. This interest was given further impetus by meetings held at Pugwash, Canada in 1970, Nordborg, Denmark in 1972, Nairobi, Kenya in 1975, Oxford, England in 1987, Frascati, Rome, Italy in 1988 and Ibadan, Nigeria in 1991.

A number of international organizations, among those Unesco, the International Bureau of Education, the International Congress of University Adult Education, the European Bureau of Adult Education, O.E.C.D., the Council of Europe, and the International Council for Adult Education have contributed their share.

A growing number of universities in all five continents established courses in comparative adult education. Many other universities encourage students to deal with comparative study or with the study of adult education abroad in major papers and theses. The literature in this area has increased considerably since the early 1960s both in support and as a result of this university activity. A number of valuable bibliographies were published, cataloguing the growing wealth of materials available in a number of languages.

Most of the literature available on adult education in various countries can still be found primarily in articles scattered throughout adult education and social science journals. Until a few years ago there was no commercial publisher enticing researchers to submit monographs dealing with comparative adult education and case studies of adult education in various countries, even though the need for such a publishing venture was stressed at a number of international meetings. It was with the intent to provide such service to the discipline and the field of adult education that the Centre for Continuing Education at The University of British Columbia, in cooperation with the International Council for Adult Education, decided in 1977 to publish a series of Monographs on Comparative and Area Studies in Adult Education.

In 1984 a major English publishing house in the field of education, Croom Helm, decided to establish a new series, the Croom Helm Series in International Adult Education. Dr. Peter Jarvis of the University of Surrey, an internationally recognized scholar and noted promoter of publishing in international adult education, was appointed editor of this series. A number of volumes have been published in this series since 1984 and have enriched the literature in this important field. The series has been taken over by Routledge and is being published as International Perspectives on Adult and Continuing Education.

The eighteenth volume in our series presents the continuation of an annotated bibliography on adult education in continental Europe since 1945. The previous six volumes of the bibliog-

raphy, for 1945-1969, 1970-1974, 1975-1979, 1980-1982, 1983-1985 and 1986-1988 were published in 1971, 1975, 1982, 1984, 1987 and 1990. It seemed appropriate to incorporate the bibliography series, starting with the volume for 1975-1979, into the series of Monographs on Comparative and Area Studies in Adult Education.

Jindra Kulich
General Editor

ADULT EDUCATION IN CONTINENTAL EUROPE:

AN ANNOTATED BIBLIOGRAPHY OF ENGLISH-LANGUAGE MATERIALS

1989 - 1991

INTRODUCTION

Since the publication of *Adult education in continental Europe: An annotated bibliography of English-language materials 1945-1969* in 1971, interest in the study of adult education abroad and in comparative adult education has grown considerably, as is evidendenced by international conferences, the steadily increasing number of publications in this area, and the growing number of comparative adult education courses offered by universities through-out the world.

This seventh volume of the bibliography again covers a period of three years (1989-1991), rather that the longer periods covered by early volumes. Yet, the number of items located in this period and included in the current volume compares most favourably with the longer periods covered by the early volumes. The 1945-1969 volume included 857 items, for an average of 43 items per year; the 1970-1974 volume included 556 items, for an average of 111 per year; the 1975-1979 volume included 836 items, for an average of 167 per year; the first three-year volume, for 1980-1982, included 682 items, for an average of 227 per year; the 1983-1985 volume included 671 items, for an average of 224 per year; and the 1986-1988 volume included 667 items, for an average of 222 per year. This latest volume for 1989-1991 contains 891 items, for an average of 297 per year, a significant increase over all previous periods covered. This documents well the high level of interest, especially during the last 17 years covered by this bibliography, in adult education in continental Europe.

Of the overall increase in the number of items between the 1986-1988 and the 1989-1991 volumes, 66% (148) items occurred in the section on Europe (from 159 to 307 items). This significant increase is primarily accounted for by the dramatic growth in publications issued by or connected with the European Community. Again, there were some marked differences for several of the countries in the number of items located for the two volumes. Thus, coverage for East Germany increased from 1 to 7 items (however, in the previous volume it decreased to 1 from 11), and for Scandinavia from 2 to 9 items (however, in the previous volume it decreased to 2 from 10). The number of items for six of the countries about doubled since the previous volume: Belgium (from 8 to 14), Czechoslovakia (from 5 to 9), Finland (from 36 to 74),Greece (from 7 to 14), Norway (from 14 to 25) and Poland (from 5 to 9). Austria (6 to 9 items), Spain (22 to 31 items) and Sweden (44 to 65 items) increased by one third. Other major increases were registered in the case of Denmark (from 26 to 34), Italy (from 18 to 24), West Germany (from 61 to 76) and Yugoslavia (from 9 to 15). There were also some significant reductions in the number of items located for some of the countries: Bulgaria (down to 2 from 6), Hungary (down to 12 from 23), Romania (down to 1 from 9) and Russia (pre-1917) (down to 6 from 10).

As in all previous volumes, the British Isles were left out of this bibliography, as sufficient bibliographic assistance is available elsewhere.(*) As many sources as possible were included to give access to alternate sources available locally on the same topic.

In accord with the variety of concepts and difference of opinion on definitions of what does or does not constitute adult education, which still abound among European adult educators, and wishing to make the bibliography as broad and useful as possible, the broadest possible concept of *adult education* verging on *education of adults* was used in selecting items for inclusion in the bibliography. Thus vocational education for adults, training in business and industry, adult basic, secondary and post-secondary level credit study, as well as activities of museums, art galleries and libraries inasmuch as these involve specific planned educational programs for individual adults or adult groups, have been included in addition to liberal adult education through university extension and evening classes or through voluntary associations.

The relative accessibility of the materials through university and public libraries was considered in the selection of items. Thus personal visit reports and conference papers in typescript or photorepro form were not included unless actually published. Doctoral dissertations and master's theses were not included. Materials available only on microfilm or microfiche, or on computer discs, also were not included.

General histories of education and accounts of educational systems were included only if these contained major chapters on adult education; sources containing only passing references to adult education were included only if materials available in English on adult education in that country are limited.

The bibliography is organized by country, with a section on Europe and a section on Scandinavia. Materials covering two or more countries in separate chapters or sections are listed under each country covered in the source, while materials concerned with and organized by one or more aspects of adult education (such as education of women, workers' education, etc.) as it occurs in several countries are listed only under Europe or Scandinavia as appropriate. For information on any specific country, look also through annotations in the section on Europe (Scandinavia) to locate all sources of information on a given topic.

Since late 1989, far-reaching political changes have occurred in what used to be referred to for ideological reasons for some forty years as `Eastern (or East) Europe' (we need to return now to the previously well established and more appropriate pre-Cold War geopolitical terms Central Europe, Southeastern Europe and Eastern Europe for this large and historically, politically, economically and culturally so varied region). The breaking up of the former `socialist camp' in this region of Europe led to significant geopolitical changes in 1990 and 1991 (changes which are continuing in 1992 and beyond), which have resulted thus far in the breaking up of three states (Yugoslavia, the Soviet Union and at the end of 1992, Czechoslovakia); there is no telling where the legitimate and other geopolitical aspirations of the new democratic, quasi-democratic or `strong hand' governments in the

region will lead in 1993 and beyond, and what new geopolitical entities will be included in the next volume of the bibliography, for 1992-1994, as a result.

The changes during 1990 and 1991 naturally are reflected in this volume of the bibliography. I have opted for including the new states from the date of their official international recognition, not from the year in which they have declared their independence; in the event this made no difference as no material dealing with adult education in these newly independent countries was found either in 1990 or in 1991. I fully expect that this will change for the next volume of the bibliography as our colleagues and scholars there, and scholars and adult educators from other countries who are eager to maintain existing and establish new contacts and to study the political, social, economic, cultural and educational changes and developments in these countries will come to publish their findings and reports.

The new countries added in this volume are the three Baltic states (Estonia, Latvia and Lithuania) which regained their independence from the Soviet Union; Croatia and Slovenia which broke away from Yugoslavia (at the end of 1991 the status of Macedonia and Bosnia-Hercegovina as further break-aways from Yugoslavia was uncertain); and the European successor states to the Soviet Union (Belarus, Russia and Ukraine). It became necessary to create two parts for Russia: one for Imperial Russia to 1917 and one for the new Russia since 1991. Yugoslavia continues to exist as a state, but encompasses only Serbia and Montenegro; thus it was necessary to create also two sections for Yugoslavia: one dealing with the Yugoslav full federation to the end of 1990 and the new, reduced Yugoslavia since 1991. Similarly, to keep historical and geopolitical clarity, it was necessary to add a fourth section on Germany, the Federal Republic of Germany since the unification of West and East Germany, to distinguish it from the period when the Federal Republic was only one of the two German states.

Within the countries, the bibliography is sub-divided into categories of the various institutions, methods and techniques and subject matter, with every source listed in full as the main entry in the applicable major sub-category and cross-referenced by number under any other applicable sub-category. Due to the great variety especially of institutional backgrounds and the divergent political, social, economic and cultural settings of the countries covered, the sub-categories are not clearly definable and mutually exclusive, and all sub-categories cannot be applied equally to all countries covered. A Subject Index lists all entries by sub-categories and by countries.

Since the bibliography is a listing of English-language sources available about adult education in continental Europe, rather than a bibliography of authors, each entry is listed in full only once, as the main entry under the name of the first author. However, up to four authors are listed for each multiple author entry. All individual authors thus listed are included in the Author Index, but institutions as authors are not listed in the index.

A list of periodicals searched systematically for materials is included to assist the user to look for possible additional materials in periodicals not available to the compiler. Twenty-

seven periodicals listed in the 1986-1988 volume were dropped (many because they ceased to be published), while sixteen new periodicals were added to the list scanned for 1989-1991.

When a book is published by the same publisher simultane ously in several cities, only the city where the head office of the publisher is located is given in the entry. Similarly, when a book is published simultaneously by more than one publisher, only the primary publisher is listed.

With the third volume, for 1975-1979 published in 1982, the bibliography was incorporated into the Monographs on Comparative and Area Studies in Adult Education series.

The compiler hopes that professors of adult education, students of adult education and adult education practitioners in the field will find this bibliography of some help in their work.

Jindra Kulich
The University of British Columbia

December 1992.

*These include: T. Kelly, *A select bibliography of adult educa tion ir Great Britain*, London: National Institute of Adult Education, 1974; A.H. Charnley, *Research in adult education in the British Isles*, London: National Institute of Adult Education, 1974; and J.H. Davies and J.E. Thomas, *A select bibliography of adult continuing education*, (fifth edition, revised and updated), Leicester: National Institute of Adult Continuing Education, 1988; and a topical series "Review of research in adult and con tinuing education", published by the NIACE.

LIST OF PERIODICALS SEARCHED SYSTEMATICALLY*

Bibliographical Periodicals

Canadian education index
Current index to journals in education
Education index
Educational documentation and information (IBE)
Research in education (ERIC)

Adult Education Periodicals

Adult learning (USA)
Adults learning (UK)
Adult education quarterly
Adult education in Finland (ceased publication 1990)
Adult literacy and basic education
Australian journal of adult and community education
Canadian journal of university continuing education
Continuing higher education review
Convergence (International Council for Adult Education)
International journal of lifelong education
International journal of university adult education
Journal of extension
Learning (Canadian Association for Adult Education)
Studies in adult education (Australia)
Studies in adult education (UK)

Education Periodicals

American journal of distance education
Australian journal of education
British journal of education and work
British journal of education studies
Canadian and international education
Community, technical and junior college journal
Community college review
Comparative education
Comparative education review
Computers and education
Distance education: an international journal
Education and society
Education and training
Educational forum
Educational training technology international
Educational gerontology
Educational media international
Epistolodidaktika: the European journal of distance education
European journal of education
Harvard educational review
Higher education (Amsterdam)
Higher education in Europe
Higher education management
History of education

*A few articles in several other periodicals have been included in the bibliography, but full runs of these periodicals were not available to the compiler and were not searched systematically.

History of education quarterly
Interchange
International Council for Distance Education bulletin
International journal of educational development
International journal of instructional media
International review of education
Journal of distance education
Journal of educational gerontology
Journal of educational television
Journal of educational thought
Journal of higher education
Journal of International Council for Health, Physical Education and Recreation
Labour education
Liberal education
Life and education in Finland
Open learning: the journal of open and distance learning
Oxford review of education
Phi Delta Kappan
Prospects
Research in distance education
Research in higher education
Research on aging
Sociology of education
Soviet education
Studies in higher education
Teachers College record
Teaching and teacher education
Tech trends for leaders in education and training
The vocational aspects of education
Western European education (since 1991 *European education*)

Humanities and Social Science Periodicals

Ageing and society
Ageing international
Agricultural history
Agricultural history review
American journal of economics and sociology
Bulgarian historical review
Bulletin of Hispanic studies
Canadian-American Slavic studies
Canadian Slavonic papers
Central European history
Community development journal
Comparative studies in society and history
Contemporary French civilization
Current history
Czechoslovak and Central European journal
Development: journal of the Society for International Development
East Central Europe
East European quarterly
Economic and social history in the Netherlands
Economic development and cultural change
Economy and society
European history quarterly
French cultural studies
French historical studies

French history
French review
German studies review
German quarterly
History, journal of the Historical Association
History of European ideas
History today
History workshop
Hungarian studies review
International history review
International journal of aging and human development
International journal of comparative sociology
International journal of environmental studies
International labor and working class history
International labour review
International review of social history
International social science journal
International social work
Italian studies
Italica
Journal of contemporary history
Journal of European studies
Journal of modern Greek studies
Journal of modern history
Journal of peasant studies
Journal of popular culture
Journal of social history
Journal of social work education
Journal of sport and social issues
Journal of sport history
Journal of the history of ideas
Journals of gerontology
Labour and society
Labour history
Media, culture and society
Minerva
Netherlands journal of social sciences
New Hungarian quarterly
Oxford Slavonic papers
Past and present
Peasant studies
Polish review
Polish sociological bulletin
Polish Western affairs
Rural history: economy, history, culture
Rural sociology
Russian history
Russian review
Scandinavian journal of history
Scandinavian political studies
Scandinavian review
Scandinavian studies
Scandinavica
SIGNS: journal of women in culture and society
Slavic and East European journal
Slavic review
Slavonic and East European review
Social history
Social research
Soviet studies

Soviet studies in history
Soviet review
Soviet Union
Studies in GDR culture and society
Studies in Soviet thought
Women's studies international forum
Yugoslav survey

Health Science Periodicals

Community dentistry and oral epidemiology
Community mental health journal
Education and training in mental retardation
Health education quarterly
International journal of health services
International journal of mental health
International journal of nursing studies
International journal of rehabilitation research
International journal of sports medicine
International nursing review
Journal of continuing education in health professions
Journal of continuing education in nursing
Journal of nursing education
Journal of nursing staff development

Library Periodicals

International library review
Journal of education for library and information science
Journal of librarianship and information science
Library quarterly
Libri, international library review
Public library quarterly
Scandinavian public library quarterly

LIST OF CATEGORIES USED THROUGHOUT THE BIBLIOGRAPHY

(Not all categories could be applied to all countries)

1(a) Bibliographies; directories; dictionaries
2(a) General overviews; collections of writings; yearbooks
2(b) History of adult education
2(c) Comparative studies
2(d) Biographies
3(a) State and adult education; legislation
3(b) Financing of adult education
4(a) International organizations; international cooperation
4(b) State-wide adult education systems and organizations
4(c) Regional adult education systems and organizations
4(d) Local level adult education institutions and organizations
5(a) Adult educators; staffing; training
6(a) Theory of adult education
6(b) Research in adult education
7(a) Folk high schools; residential adult education
8(a) University extension; universities and adult education
8(b) Night schools; evening institutes; adult education centres
8(c) Volkshochschulen; people's and workers' universities
9(a) Town and village cultural centres; community schools
9(b) Voluntary associations; societies; clubs
9(c) Study circles; discussion groups
10(a) Correspondence study; distance education; open learning
11(a) Educational radio and television; educational technology
11(b) Press; publishing
12(a) Libraries
13(a) Museums; art galleries; theaters
14(a) Community development
15(a) Literacy; adult basic education
15(b) Secondary education
15(c) Post-secondary education; higher education
15(d) Education permanente;lifelong learning; recurrent education
16(a) Vocational and technical education; apprenticeship
16(b) Training in business, industry and government
16(c) Professional continuing education; in-service training
16(d) Retraining; upgrading
16(e) Agricultural extension; rural adult education
17(a) Armed services education
18(a) Education of women
19(a) Workers' education; union education; paid educational leave
20(a) General education; humanities; liberal arts
20(b) Languages
20(c) Science education; environmental education
20(d) Civic education; political training
20(e) Family life education; parent education
20(f) Consumer education; cooperative education
20(g) Health education
20(h) Physical education; sports; recreation
20(i) Religious education
20(j) Hobbies; arts and crafts
20(k) Art; drama; music education
20(l) Pre-retirement education; programs for retired
20(m) Immigrant, ethnic minority, multicultural education

EUROPE

1(a) Bibliographies; directories; dictionaries

1. Baron, G-L. "Computers in education: The shape of things to come". *Bulletin of the International Bureau of Education*, vol. 63, No. 250, (1989), 96 p.

   Introductory essay and annotated bibliography of 302 items, many dealing with Europe and some with adult education.

2. Bhola, H.S. *World trends and issues in adult education*. Paris: Unesco, 1989. 177 p.

   First comprehensive world overview of the development of adult education since J. Lowe's *The education of adults: A world perspective*, (1972, rev. ed. 1982).

3. Buskey, J.H. "Bibliography of the literature on conference centres and residential adult education", pp. 89-102 in *Revitalizing the residential conference centre environment* edited by E.G. Simpson and C.E. Kasworm. San Francisco: Jossey-Bass, 1990.

   Bibliography of 194 items, including accounts of the folk high schools and other residential adult education in Europe.

4. Division of Primary Education, Literacy and Adult Education, and Education in Rural Areas, Unesco. *Annotated bibliography of national sources of adult education statistics*. Paris: Unesco, 1989. 58 p.

   Responses collected in 1985-86 and 1986-87 on sources of statistical data; includes information on most of European countries.

5. European Centre for the Development of Vocational Training. *Bibliography: Women and vocational training*. Berlin: CEDEFOP, 1991. 221 p.

6. European Information Centre of Charles University for the Further Education of Teachers. *Further education of teachers: Selective bibliography (1985-1987)*. Prague: The Centre, 1991. var. pag.

   Sixth volume of the annotated bibliography of English and other language sources, containing 433 entries.

7. Giere, U. and Hautecoeur, J-P. *A selective bibliography on literacy in industrialised countries*. Hamburg: Unesco Institute for Education, 1990. 38 p.

Prepared for the 6th European Conference of Directors of Educational Research Institutions held in Bled, Yugoslavia, in October 1990.

8. "Glossary of adult and lifelong education", pp. 545-550 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

International glossary of most common terms.

9. Hladczuk, J.; Eller, W.; Hladczuk, S. *General issues in literacy/illiteracy*. New York: Greenwood Press, 1990. 420 p.

Bibliography of 4085 items (a few annotated), organized by topics, among these adult literacy, adult reading programs, correctional facilities and illiteracy, illiterate adults, military service and mental fitness.

10. Hladczuk, J.; Eller, W.; Hladczuk, S. *Literacy/Illiteracy in the world: A bibliography*. New York: Greenwood Press, 1989. 201 p.

Bibliography of 2565 items (a few annotated), organized by regions and countries, including Europe and its countries.

11. International Bureau of Education. "Catalogue of current periodicals held by the Documentation Centre of the IBE (4th edn.)". *Bulletin of the International Bureau of Education*, vol. 65, Ns. 258/259, (1991). 167 p.

Contains, among other, adult education periodicals.

12. International Bureau of Education. "Current bibliographical sources in education (3rd edn.)". *Bulletin of the International Bureau of Education*, vol. 63, No. 251, (1989). 89 p.

Annotated bibliography: contains references to most European countries.

13. International Bureau of Education. "Intercultural education: A selective bibliography". *Bulletin of the International Bureau of Education*, vol. 65, No. 260, (1991). 88 p.
Annotated bibliography; contains references to a number of European countries.

14. International Bureau of Education. "Refugee education". *Bulletin of the International Bureau of Education*, vol. 65, No. 261, (1991). 83 p.

Annotated bibliography of 413 items; a number dealing with European countries and some with adult education.

15. Kulich, J. *Adult education in continental Europe: An annotated bibliography of English-language materials*

1986-1988. Vancouver: Centre for Continuing Education, University of British Columbia, 1990. 154 p.

Annotated bibliography containing 667 entries classified by country and by 52 categories; subject and author index.

16. Rassekh, S. *Perspectives on literacy: A selected world bibliography*. Paris: Unesco, 1991. 300 p.

"Report on twenty-five years of research and action in the field of literacy by the educational community"; contains some materials dealing with literacy in Europe.

17. Unesco. *Annotated bibliography of national sources of adult education statistics*. (Ibedata series). Paris: Unesco, 1989. 58 p.

"This *Bibliography* aims to help those who need statistics on adult education, but do not know where to find them or what kind of statistics they would find if they did have access to the relevant sources."

18. Unesco. *List of documents and publications in the field of culture, 1987-1988*. Paris: Unesco, 1989. 85 p.

Annotated world bibliography which includes European entries; subject and personal indexes.

See also: 123, 128.

2(a) General overviews; collections of writings; yearbooks

19. Bax, W. "Provision in Western Europe", pp. 399-406 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Overview of historical roots and current situation and forms of adult education in 15 states of Western Europe.

20. Evans, K. and Haffenden, I.G. (eds.) *Education for young adults: International perspectives*. London: Routledge, 1991. 159 p.

One part of this collection deals with education of youth (with only some references to young adults) in Eastern and Western Europe; appropriate articles listed under applicable headings here.

21. Kulich, J. "Provision in Eastern Europe and the Soviet Union", pp. 407-415 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Overview of historical roots and current situation and forms of adult education in the former socialist countries of Eastern Europe and the Soviet Union.

22. "New directions in adult education". Theme issue of *Western European education*, vol. 21, No. 3, (1989). 109 p.

    Individual articles listed under appropriate categories under country headings here.

23. Titmus, C.J. (ed.) *Lifelong education for adults: An international handbook*. Oxford: Pergamon Press, 1989. 590 p.

    "First work intended to open international encyclopedic coverage of research and studies in the whole field of adult education." Contains 124 articles; those dealing with Europe listed under appropriate headings here.

See also: 154, 155, 156, 290, 296.

2(b) History of adult education

24. Harris, W.V. *Ancient literacy*. Cambridge, Mass.: Harvard University Press, 1989. 383 p.

    Historical analysis of literacy and illiteracy in ancient Greece and Rome.

25. Lisboa, J.L. "Popular knowledge in the 18th century almanacs". *History of European ideas*, vol. 11, special issue, (1989), pp. 509-513.

    Brief study of the almanacs which served as tools of information and study.

26. McKitterick, R. "Text and image in the Carolingian world", pp. 297-333 in *The uses of literacy in early medieval Europe* edited by R. McKitterick. Cambridge, Mass.: Cambridge University Press, 1990.

    Analysis of literacy among the Franks at a number of different levels in the eighth and ninth century.

27. McKitterick, R. (ed.) *The uses of literacy in early medieval Europe*. Cambridge, Mass.: Cambridge University Press, 1990. 345 p.

    Collection of papers on aspects of literacy at the time; applicable papers listed under appropriate headings here.

28. Nelson, J.L. "Literacy in Carolingian government", pp. 258-296 in *The uses of literacy in early medieval Europe* edited by R. McKitterick. Cambridge, Mass.: Cambridge University Press, 1990.

    Historical analysis of the aims and goals of literacy in the government of Charlemagne.

29. Noble, T.F.X. "Literacy and the papal government in late antiquity and the early middle ages", pp. 82-108

in *The uses of literacy in early medieval Europe* edited by R. McKitterick. Cambridge, Mass.: Cambridge University Press, 1990.

Investigation "of many of the roles played by literacy in the story of the rise of the Roman church and of the papal administration."

30. Pöggeler, F. "The influence of revolutions and political upheavals on the development of adult education", pp. 11-23 in *Adult education in crisis situations* edited by F.Pöggeler and K. Yaron. Jerusalem: The Magness Press, The Hebrew University, 1991.

Comprehensive overview of "the impact of revolutions and political upheaval on adult education and vice versa".

31. Pöggeler, F. and Yaron, K. *Adult education in crisis situations*. Jerusalem: The Magness Press, The Hebrew University, 1991. 238 p.

Proceedings of the Third International Conference on the History of Adult Education, held in Jerusalem in April 1990; applicable papers listed under appropriate headings here.

32. Reif, S.C. "Aspects of medieval Jewish literacy", pp. 134-155 in *The uses of literacy in early medieval Europe* edited by R. McKitterick. Cambridge, Mass.: Cambridge University Press, 1990.

"The purpose is...to describe cultural development that occurred within a non-Christian tradition and that seems first to have flourished in an environment dominated by Islam and to assess the degree to which literacy penetrated various societies around the Mediterranean area and to the east of it in the latter half of the first Christian millennium."

33. Zelechow, B. "The opera: The meeting of popular and elite culture in the nineteenth century". *Journal of popular culture*, vol. 25, No. 2, (1991), pp. 91-97.

"The thesis of this paper disputes the division of art as anachronistic in relation to culture in the late eighteenth and nineteenth centuries" and "the radical disjunction between high art and popular culture" as exemplified by the opera.

See also: 39, 42, 88, 101, 104, 113, 145, 170, 191, 270, 286, 293.

2(c) Comparative studies

34. Adamski, W. and Grootings, P. (eds.) *Youth, education and work in Europe*. London: Routledge, 1989. 191 p.

Presentation of some results of a long-term East-West exploration of the question of transition from school

to work; individual papers listed under appropriate headings here.

35. Bown, L. "The comparative study of adult education in relation to economic and social development", pp. 27-35 in *Comparative research in adult education* edited by M. Lichtner. Frascati, Rome: CEDE, 1989.

    Attempt to "promote discussion on some issues arising from the fundamental question as to whether adult and non-formal education contribute to economic and social development".

36. Bown, L. "The state and adult education: Suggested issues for comparative study", pp. 3-24 in *Learning opportunities for adults* edited by T.E. Corner. London: Routledge, 1990.

    The first part of the paper is an outline of development of comparative studies in adult education; the second and major part deals with the study of relations between the state and adult education.

37. Bown, L. and Tuijnman, A. "Summary and conclusions", pp. 233-242 in *Comparative research in adult education* edited by M. Lichtner. Frascati, Rome, CEDE, 1989.

    Conclusion to a report of a study seminar on Comparative Adult Education, held in Frascati, Italy in 1988.

38. Charters, A. "Some comments on comparative adult education, pp. 243-248 in *Comparative research in adult education* edited by M. Lichtner. Frascati, Rome: CEDE, 1989.

    Thoughts on concepts and methodology of comparative adult education and comments made at the study seminar held in Frascati, Italy in 1988.

39. Charters, A.N. and Hilton, R.J. (eds.) *Landmarks in international adult education: A comparative analysis.* London: Routledge, 1989. 207 p.

    Collection of articles, among other, on Swedish study circles, Danish folk high schools, workers' and people's universities in Yugoslavia, People and Culture in France, and West German *Volkshochschulen*; contains also a comparative analysis by the two editors.

40. Charters, A.N. and Hilton, R.J. "Similarities and dissimilarities: Assessment", pp. 162-198 in *Landmarks in international adult education* edited by A.N. Charters and R.J. Hilton. London: Routledge, 1989.

    Attempt at contrast and comparison of aspects of Swedish study circles, Danish folk high schools, workers' and people's universities in Yugoslavia, WEA in the UK, Canada's Frontier College, US Cooperative Extension Service, People and Culture in France, and West

German *Volkshochschulen*, all of which are described in separate articles in the same volume.

41. Evans, K. and Haffenden, I.G. "International issues and themes in education for young adults", pp. 3-12 in *Education for young adults: International perspectives* edited by K. Evans and I.G. Haffenden. London: Routledge, 1991.

Comparative overview of the issues and themes, relating to articles included in the volume.

42. Knoll, J.H. "Comparative adult education from Nordborg (1972) until today". *International journal of lifelong education*, vol. 8, No. 2, (1989), pp. 139-149. Overview of the development of theory and research in comparative study of adult education since 1919, with emphasis on the period since 1972.

43. Lichtner, M. (ed.) *Comparative research in adult education: Present lines and perspectives*. Frascati, Rome: Centro Europeo dell' Educazione, 1989. 270 p.

Report of a study seminar on Comparative Adult Education, held at the Centre in May 1988; European theme papers in English are listed under appropriate headings here.

44. Rivis, V. "Bildungsberatung sans frontières? Educational guidance for adults in the European Community". *Adults learning*, vol. 2, No. 3, (1990), pp. 78-80.

Article based on background paper for a conference on Educational Guidance for Adults in an Expanded Europe, held in April 1990 in Glasgow.

45. Samolovčev, B. "A comparative review of the development of the relations between state and adult education in some European socialist countries from 1945 onwards" pp. 429-442 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Comparative study of the similarities and differences in the relations between state and adult education in Yugoslavia, Soviet Union, Czechoslovakia and Hungary between 1945 and the momentous changes in late 1989.

46. Savićević, D. "Conceptions of andragogy in different countries: Comparative considerations", pp. 65-72 in *Comparative research in adult education* edited by M. Lichtner. Frascati, Rome: CEDE, 1989.

Outline of the genesis and development of the concept in Germany, Czechoslovakia, France, Hungary, Netherlands, Poland, Switzerland, USA, USSR and Yugoslavia.

47. Titmus, C. "Comparative adult education: An outline approach to method", pp. 255-266 in *Comparative research in adult education* edited by M. Lichtner. Frascati, Rome: CEDE, 1989.

Proposal for a basic framework for comparative methodology, with particular attention to interpretation.

48. Titmus, C. "A comparative approach to adult education: A suggestion". *International journal of university adult education*, vol. 28, No. 3, (1989), pp. 1-12.

Conceptual and methodological considerations on comparative study of adult education in the context of the general comparative approach.

49. Titmus, C. "Comparative studies in adult and lifelong education", pp. 541-544 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

"Outlines the purposes of comparative study, and distinguishes between different kinds of comparative and international research, single nation studies, over-views, cross-cultural views, and descriptive and analytical comparisons."

See also: 20, 30, 31, 54, 59, 61, 64, 79, 81, 85, 88, 90, 95, 101, 103, 105, 107, 109, 111, 112, 117, 118, 120, 134, 149, 169, 172, 173, 177, 179, 181, 189, 190, 198, 200, 201, 213, 216, 221, 225, 233, 237, 238, 254, 256, 257, 260, 262, 266, 268, 277, 281, 293, 298, 303.

3(a) State and adult education; legislation

50. Abrahamsson K. and Henrikson, K. (eds.) *New challenges in the education and training of the European workforce*. Stockholm: Swedish National Board of Education, 1991. 87 p.

"Final report of a seminar for EC and EFTA countries on policies for education and training of the labour force in a changing European economy", held June 13-14, 1990 in Stockholm.

51. Corner, T.E. (ed.) *Learning opportunities for adults*. London: Routledge, 1990. 238 p.

Collection of papers examining "the relationship between adult education and the state...focusing on the current state of movements in Scotland and the UK, Canada, Australia, Thailand, Yugoslavia, Germany, France and several other developed countries"; European topic papers listed under appropriate headings here.

52. Council of Europe. "A contribution to the development of a new education policy". *Western European education*, vol. 21, No. 3, (1989), pp. 19-58.

Translation from French original of the Adult Education part of the document.

53. Fägerlind, I. and Sjöstedt, B. "Educational planning and management in Europe". *Prospects*, vol. 21, No. 1, (1991), pp. 81-96.

Analysis of trends and challenges in the 1990s, including the field of adult and vocational education.

54. Federighi, P. *Legislative and administrative measures in favour of adult education.* Firenze: University of Firenze, 1990. 78 p.

Study into the impact of legislative and administrative actions on the organization and development of adult education, carried out for the Division of Primary Education, Literacy and Adult Education, and Education in Rural Areas, Unesco, in the second half of the 1980s.

55. Pöggeler, F. "The state and adult education", pp. 15-20 in *The state and adult education: Historical and systematical aspects* edited by F. Pöggeler. New York: Peter Lang, 1990.

Introductory analysis of the relationship between adult education and the state in a compendium on the theme.

56. Pöggeler, F. *The state and adult education: Historical and systematical aspects.* New York: Peter Lang, 1990. 486 p.

"Most of the contributions to this anthology deal with various problems in the relationship between the State and Adult Education past and present. Particular attention is paid to individual states or political regions ...papers on general aspects such as the role of Adult Education with regard to wars, revolutions and political conflicts and ways of political and governmental influence on Adult and Further Education also are included." Papers dealing with Europe listed under appropriate headings here.

57. Schuller, T. "Employment policy and adult education", pp. 105-108 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

Exposition of "the past, present and future use of the education of adults as an instrument of socioeconomic engineering"; contains some references to Europe.

58. Sellin, B. "European Economic Community: Towards an employment, training and education policy for young and mature adults", pp. 74-84 in *Education for young adults: International perspectives* edited by K. Evans and I.G. Haffenden. London: Routledge, 1991.

Overview of the development and prospects of the EEC policy in this area.

59. Stock, A. "Adult education legislation in Western Europe", pp. 481-484 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

Comparative review of adult education legislation in Western Europe since the mid-1960s.

60. Ward, K. and Forrester, K. "A critical overview: Education and training responses to changes in the labour market and unemployment", pp. 32-62 in *Unemployment, education and training* edited by K. Forrester and K. Ward. Sacramento, Calif.: Caddo Gap Press, 1991.

See also: 36, 45, 61, 63, 64, 67, 87, 102, 108, 119, 120, 126, 142, 144, 190, 207, 213, 221, 222, 231, 233, 240, 246, 255, 260, 274, 276, 281, 287, 294, 299.

3(b) Financing of adult education

61. Drake, K. "Interventions in market financing of training in the European Community", pp. 207-230 in *International comparisons of vocational education and training for intermediate skills* edited by P. Ryan. London: Falmer Press, 1991.

"This chapter reviews some of the findings of recent research into financing of training in member states of the European Community. It focuses on experience with different kinds of instruments for intervening in what would otherwise be a market-financed process."

62. March, L. and Wilson, I. "Adult education for profit", pp. 296-298 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

Brief examination and evaluation of commercial organizations in the field of adult education and discussion of their regulation and public supervision; some references to continental Europe.

63. Woodhall, M. "Financing adult education", pp. 486-490 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

Examination of how adult education is funded and consideration of "issues of appropriate balance between public and private finance; who should benefit from subsidies and who does; and how funds are allocated"; references to Europe.

64. Woodhall, M. "Financing adult education for employment", pp. 490-496 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

"Discusses the difficulty of estimating expenditures, treats at some length the role of governments, such problems as the cost and benefits of job-specific and general training, of on-the-job and off-the-job training, and the desirable balance between public and private finance."

See also: 54, 57, 58, 59, 60, 120, 142, 190, 207, 213, 221, 240, 246, 255, 268, 274, 276, 281.

4(a) International organizations; international cooperation

65. Bax, W. "Regional and international organizations: Western Europe", pp. 461-462 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

    Outline of the purpose, organization and activities of the European Bureau of Adult Education (EBAE) established in 1953.

66. Commission of the European Communities. "Proposal for a Council Regulation establishing a European Training Foundation". *Higher education in Europe*, vol. 15, No. 2, (1990), pp. 69-71.

    Shortened version of the communication on the proposed foundation which is to assist Central and East European countries to adapt their training systems.

67. Commission of the European Communities. *Social Europe: Activities of the Commission of the European Communities in the fields of education, training and youth policy during 1987 and 1988*. Luxembourg: Commission of the European Communities, 1990. 124 p.

68. European Centre for the Development of Vocational Training. *First invitation conference on databases for education and training, Berlin, 1-3 June 1988*. Berlin: CEDEFOP, 1989. 86 p.

69. Legge, D. "The European Bureau of Adult Education", pp. 87-100 in *International organizations in education* edited by M.D. Stephens. London: Routledge, 1989.

    Overview of history, development, current status and future prospects of the Bureau.

70. Lowe, J. "Inter-governmental organizations in education", pp. 19-32 in *International organizations in education* edited by M.D. Stephens. London: Routledge, 1989.

    Overview of history, present situation and future prospects of such organizations, among these OECD and the Council of Europe.

71. Stephens, M.D. (ed.) *International organizations in education*. London: Routledge, 1989. 165 p.

    "This collection of essays explores the various roles of international organizations in the field of adult education in particular." World-wide as well as regional organizations are described; papers on European organizations listed separately here.

See also: 73, 86, 92, 93, 108, 120, 121, 124, 128, 132, 138, 141, 149, 150, 151, 152, 153, 157, 159, 161, 168, 178, 182, 186, 187, 190, 210, 213, 217, 226, 272, 273, 274, 278, 283, 294.

4(b) State-wide adult education systems and organizations

See: 72.

4(c) Regional adult education systems and organizations

See: 72, 136.

4(d) Local level adult education institutions and organizations

72. Hutchinson, E.M. and Townsend Coles, E.K. "Providers of adult education", pp. 279-283 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

    Brief historical background and classification of current organizational providers and outline of services they provide to adult learners; European examples are given.

5(a) Adult educators; staffing; training

73. AECS. "The (new) diploma in distance education". *Epistolodidaktika: The European journal of distance education*, No. 2, (1991), pp. 5-17.

    Overview of changes in the diploma program for people working in the field of distance education.

74. Chadwick, A. "Some current issues in the training of adult educators", pp. 207-218 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

    Analysis of some of the common themes and questions of training of adult educators, drawn from country case studies contained in the volume.

75. European Centre for the Development of Vocational Training. *The training of trainers of young people in enterprises--synthesis report*. Berlin: CEDEFOP, 1990. 61 p.

76. European Centre for the Development of Vocational Training. *Training of trainers: Problems and trends*. Berlin: CEDEFOP, 1991. 42 p.

77. European Centre for the Development of Vocational Training. *Training the trainers: An investigation into the training and qualifications of practical instructors working in the apprenticeship system*. Berlin: CEDEFOP, 1990. 83 p.

78. Frank, E. "The educators", pp. 101-105 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

    Deals with "questions of recruitment, status, and training of those who teach adults" in work-oriented education; contains a few references to Europe.

79. Jarvis, P. "Towards a theoretical rationale", pp. 1-12 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

    Introductory analysis of the state of professionalization of adult education and the theoretical foundations of preparation and continuing professional development of adult educators.

80. Jarvis, P. and Chadwick, A. (eds.) *Training adult educators in Western Europe*. London: Routledge (in association with the European Bureau of Adult Education), 1991. 235 p.

    Collection of articles on the preparation and continuing development of those who work in the broad field of adult education as teachers/instructors, organizers etc. in 16 countries; separate articles listed under appropriate country headings here.

81. Oglesby, L. "European aspects". *Adults learning* (UK), vol. 2, No. 5, (1991), pp. 159-161.

    Overview of recent developments and current situation of and needs for training of adult educators in both Western and Eastern Europe.

82. Poster, C. "The role of the community educator", pp. 17-28 in *Community education in the Western World* edited by C. Poster and A. Krüger. London: Routledge, 1990.

    Overview of the role in USA, with references to several European countries.

83. Querre, M. *The training of trainers of young people in enterprises: Synthesis report*. Berlin: European Centre for the Development of Vocational Training, 1990. 61 p.

84. van Dun, J.A.M. and Karthuis, L.B.J. *Training the trainers: An investigation into the training and qualifications of practical instructors working in the apprenticeship system*. Berlin: European Centre for the Development of Vocational Training, 1990. 83 p.

6(a) Theory of adult education

85. Adamski, W. and Staszynska, K. "Social structure and transition", pp. 30-51 in *Youth, education and work in Europe* edited by W. Adamski and P. Grootings. London: Routledge, 1989.

    "This chapter is concerned with the process through which young people acquire social positions whereby there are at least two possibilities of understanding the term `transition from school to work`...psychological and sociological."

86. Bogard, G. *Education, poverty and insecurity*. Strasbourg: Council of Europe, 1991. 26 p.

Discussion paper on "a new social contract to restore the dignity of the very poor and strengthen general solidarity", for a meeting of the Adult Education and Social Change project of the Council for Cultural Co-operation of the Council of Europe.

87. Bron Jr., M. "Adult education in extra-ordinary situation: A position paper", pp. 73-83 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Analysis of the role of adult education in natural disasters and in man-made cataclysms at the macro (state- or nation-wide) level (using case studies of Poland and Yugoslavia) and at the mezzo and micro (local community and individual) level.

88. Bron-Wojciechowska, A. and Bron, M. "Adult education for democracy in Europe". *Int. journal of university adult education*, vol. 29, No. 3, (1990), pp. 66-84. Philosophical-historical analysis of the relationship between democracy and adult education in European context, with special emphasis on Poland and Sweden.

89. Cropley, A.J. "Factors in participation", pp. 145-151 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

Brief analysis of social and economic factors influencing participation; some references to Europe.

90. Fägerlind, I. and Saha, L.J. *Education and national development: A comparative perspective* (2nd edn.). Oxford: Pergamon Press, 1989. 321 p.

Completely revised and enlarged edition of the analysis of theory and research of relationship between education and national development, published first in 1983.

91. Jacobsen, B. "The concept and problem of public enlightenment". *International journal of lifelong education*, vol. 8, No. 2, (1989), pp. 127-137.

Theoretical analysis of "the relationship between the ordinary person and the information he or she receives from the surrounding world".

92. Kairamo, K. (ed.) *Education for life: A European strategy*. London: Butterworths, 1989. 190 p.

First industry-initiated survey in Western Europe undertaken "to evaluate the levels of competence imparted by present day education, to identify weaknesses and estimate future demands, and to make recommendations for improvement"; individual chapters listed under appropriate headings here.

93. Kairamo, K. "Exploration and recommendations" pp. 5-36 in *Education for life: A European strategy* edited by K. Kairamo. London: Butterworths, 1989.

Overview of the results of a first industry-initiated survey of education in Western Europe.

94. Kallen, D.B.P. "Education for young adults", pp. 315-318 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

"Examines the growth of a young adult subculture,...the participation of its members in...postsecondary study, their impact on the labour market, and the combination of work and study"; references to Europe.

95. King, E. "Educating and training young adults: A challenge to all educational research", pp. 139-146 in *Comparative research in adult education* edited by M. Lichtner. Frascati, Rome: CEDE, 1989.

Exposition of the need for and methods of research of `young adults' as a new concept.

96. Knoll, J.H. "Curriculum", pp. 29-35 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

Overview of the development and application of theory and principles of curriculum in adult education since the 1870s.

97. Krajnc, A. "Andragogy", pp. 19-21 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

Exposition of the genesis and development of the concept of `andragogy'.

98. Kulich, J. "Reflections on adult education and reconstruction in Eastern Europe in the 1990s", pp. 346-353 in *Erwachsenenbildung im Kontext* edited by M. Friedenthal-Haase; J. Reischmann; H. Tietgens; N. Vogel. Bad Heilbrunn: Klinkhardt, 1991.

99. Mahler, F. "Transition and socialisation", pp. 152-173 in *Youth, Education and work in Europe* edited by W. Adamski and P. Grootings. London: Routledge, 1989.

"This chapter elaborates on the anticipatory-emancipatory-socialisation approach as an alternative to the other theoretical perspectives followed in studies on transition from school to work."

100. Niemi, J.A.; Dahlgren, H.; Brooks, R.B. "Disabled adults: Educational provision", pp. 335-339 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

"After briefly distinguishing between impairment, disability and handicap, it reviews the major barriers in the way of disabled adults' participation in society. It outlines different measures taken to provide adult education for the physically disabled, the learning disabled, and the developmentally disabled"; references to Europe.

101. Pöggeler, F. "Methodological outlook: The history of adult education as political and social history--International and worldwide independence", pp. 478-483 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Reflections on "how far the international development in comparative research of adult education has come", on definition of "some future tasks of the history of adult education [and] of the problems of systematic comparisons in research" and on "future strategies of comparative research".

102. Randall, S. "Europe's thirteenth state: 1992 and Europe's minority communities". *Adults learning*, vol. 2, No. 8, (1991), pp. 222-224.

Thoughts about the place of and impact on the some 15 million migrant labourers, Europe's former colonial subjects, refugees and other non-EC nationals, of the developing training policies and plans in the European Community.

103. Savićević, D.M. "Modern conceptions of andragogy: A European framework". *Studies in the education of adults* (UK), vol. 23, No. 2, (1991), pp. 179-201.

Comparative analysis of the development of the concept of 'andragogy', from historical roots to particularly the period since the end of the Second World War.

104. Savický, I. "Towards a typology of European adult education historiography", pp. 465-471 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Outline analysis of the developments in historiography since 1960, identifying 5 approaches.

105. Shubkin, V. and Emeljanov, Y. "Professional aspirations and society's needs", pp. 52-65 in *Youth, education and work in Europe* edited by W. Adamski and P. Grootings. London: Routledge, 1989.

"This chapter presents an attempt to make a comparison...of transition problems in Eastern and Western Europe.

106. Turunen, J. "Workers' education in integrated Europe". *Adult education in Finland*, vol. 26, No. 3, (1989), pp. 20-24.

Thoughts on "the worth of education and culture in unified Europe" and how Scandinavian forms of adult education can influence the integration process.

107. Westwood, S. "Constructing the other: Minorities, the state and adult education in Europe", pp. 185-190 in *Comparative research in adult education* edited by M. Lichtner. Frascati, Rome: CEDE, 1989. (Also in *Studies in the education of adults* (UK), vol. 21, No. 2, (1989), pp. 150-155.)

Preliminary analysis of the relationship between adult education, the minorities and the state, primarily in the UK context, but with references to Europe.

108. Williamson, B. "Continuing education in Europe: Opportunities and constraints". *Studies in the education of adults* (UK), vol. 23, No. 2, (1991), pp. 211-227.

The aim of this paper "is to consider how continuing education is involved in the process of the reproduction of the social structures of modern industrial society and whether there are any realistic alternatives to current policies".

See also: 30, 34, 35, 37, 38, 42, 43, 46, 47, 48, 49, 55, 79, 109, 110, 111, 127, 129, 130, 131, 141, 170, 174, 176, 177, 186, 187, 191, 192, 193, 199, 202, 203, 204, 205, 206, 211, 218, 219, 239, 241, 245, 287, 288, 289, 293.

6(b) Research in adult education

109. Greve, R-M.; Knapp, I.; Mahler, F.; de Santis, G.; and Ventrella, A-M. "Changing values and the transition from school to work", pp. 66-89 in *Youth, education and work in Europe* edited by W. Adamski and P. Grootings. London: Routledge, 1989.

Theoretical analysis, based on empirical data, of the factor of changing values impacting on transition from school to work, within a context "of an interdisciplinary, holistic, dynamic and critical international perspective".

110. Livečka, E. "Adult education research: Eastern Europe and the Soviet Union", pp. 520-523 in *Lifelong education for adults* edited by C. Titmus. Oxford: Pergamon Press, 1989.

"A major part of the article presents the direction and scope of research in the Soviet Union, but Bulgaria, Czechoslovakia, the German Democratic Republic, Hungary Poland, Romania and Yugoslavia also are reviewed."

111. Rubenson, K. "Adult education research: General", pp. 507-514 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

General review of the field of research including analysis of assumptions and perceptions, and underlying traditions which govern research in North America and in Europe.

112. Titmus, C.J. "Adult education research: Western Europe" pp. 517-520 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

"Covers the most diverse area, containing a number of states, and many different languages and political traditions. Common features are identified in institutions producing research, in the form it takes, and the fields of study, but it also stresses national differences."

See also: 4, 17, 34, 35, 37, 38, 42, 43, 47, 48, 49, 90, 95, 131, 143, 151, 157, 169, 171, 183, 218, 219, 239, 301.

7(a) Folk high schools; residential adult education

113. Buskey, J.H. "Historical context and contemporary setting of the learning sanctuary", pp. 15-25 in *Revitalizing the residential centre environment* edited by E. G. Simpson and C.E. Kasworm. San Francisco, CA: Jossey-Bass, 1990.

"Residential education has a rich tradition. This chapter traces its development from the Danish folk school to the contemporary form."

See also: 3, 39.

8(a) University extension; universities and adult education

114. Sellar, F.K. "Some perceived impediments to technology transfer from the higher education sector of the European community to industry". *Higher education in Europe*, vol. 14, No. 2, (1989), pp. 76-83.

Overview of basic, institutional, industrial and govern ment impediments to technology transfer.

115. Teichler, U. "The challenge of lifelong learning for the university". *Hochschule und Weiterbildung*, No. 2, (1990), pp. 7-14.

Analysis of the rationale for, current situation, and future needs and prospects of university involvement in Europe in continuing education.

See also: 198, 203, 208.

8(b) Night schools; evening institutes; adult education centres

116. Brookfield, S. "Adult education in public schools", pp. 283-286 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Overview of the important role played by public school systems in provision of adult education; sections on Sweden and Eastern Europe.

8(c) Volkshochschulen; people's and workers' universities

See number 39.

9(a) Town and village cultural centres; community schools

See numbers 82, 166.

9(b) Voluntary associations; societies; clubs

117. Heinsius, J. and Houben, J. "Introduction--State and volunteer work: Participation and democracy", pp. 9-20 in *State and civil society: Voluntary work in Western and Eastern Europe* edited by J. Heinsius and J. Houben. Utrecht: Volonteurope/C.I.V., 1989.

Introduction and attempt at comparison of articles on the theme dealing with Denmark, Hungary, Italy and the Soviet Union.

118. Heinsius, J. and Houben, J. (eds.) *State and civil society: Voluntary work in Western and Eastern Europe*. Utrecht: Volonteurope/C.I.V., 1989. 57 p.

Text of lectures given at a workshop on Volunteer Work and the State, held in Noordwijkehout on July 2, 1989; country reports listed under appropriate headings here.

See also: 39,286.

10(a) Correspondence study; distance education; open learning

119. Buachalla, S.O. "Distance education as an element of policy". *European journal of education*, vol. 24, No. 1, (1989), pp. 73-78.

Outline of the evolution of distance education as an element of government policy, focusing on the areas of access, process and structure.

120. Commission of the European Communities. *Memorandum on open distance learning in the European Community*. Luxembourg: The Commission, 1991.

"This memorandum explains in detail the importance of open distance learning in a broad range of education and training activities for the Member States and for the European Community."

121. Daniel, J.S. "A duty for distance education in the 1990's". *Higher education in Europe*, vol. 16, No. 1, (1991), pp. 38-45.

Proposals for multi-national distance education projects as assistance to the development of market economics, business administration and management, and

political science in Central and Eastern European countries.

122. d'Azevedo, R.C. "Progress, problems and potential for distance education and training in post-1992 Europe". *Epistolodidaktika: The European journal of distance education*, No. 1, (1991), pp. 5-30.

Keynote address to the 1991 conference of the Association of European Correspondence Schools.

123. Doerfert, F; Schuemer, R.; Tomaschewski, A. (eds.) *Short descriptions of selected distance-education institutions*. Hagen: Fernuniversität-Gesamthochschule Hagen, 1989. 439 p.

Revised edition of a 1988 directory of some 200 institutions world-wide, organized by country.

124. ERASMUS Bureau. *Open and distance higher education in the European Community*. Brussels: ERASMUS Bureau, 1991. 54 p.

Report prepared by the Bureau for the Commission of the European Communities.

125. European Centre for the Development of Vocational Training. *Guide to transnational cooperation in the field of distance training*. Berlin: CEDEFOP, 1991. 97 p.

126. Fox, N. "Key issues in distance education: A government viewpoint (approaches by the European Commission and member states)". *European journal of education*, vol. 24, No. 1, (1989), pp. 37-46.

"Overview of European Distance Education programmes, [using] examples in the UK and France to illustrate national strategies in that field."

127. Holmberg, B. "The concept, basic character and development potentials of distance education". *Distance education: An international journal*, vol. 10, No. 1, (1989), pp. 127-134.

128. Holmberg, B. "Distance-education terminology--a problem area and a multilingual dictionary". *Epistolodidaktika: The European journal of distance education*, No. 2, (1991), pp. 39-43.

Outline of terminological problems at the international level and notice of work on a lexicon of distance education terminology being compiled at the Fernuniversität Hagen in Germany.

129. Holmberg, B. "Key issues in distance education: An academic viewpoint". *European journal of education*, vol. 24, No. 1, (1989), pp. 11-23.

Analysis of key issues as seen by an active researcher in the field, who also has a background of practical experience.

130. Holmberg, B. "A paradigm shift in distance education? Mythology in the making". *Bulletin, International Council for Distance Education*, vol. 22, (January, 1990), pp. 51-55.

131. Holmberg, B. *Theory and practice of distance education*. London: Routledge, 1989. 252 p.

"Presentation of distance education as a field of academic research...its base in educational thinking, its various principles and techniques for subject-matter presentation and communication, its organization and administration."

132. Ingham, E. "Voluntary accreditation in Europe?". *Epistolodidactica: The European journal of distance education*, No. 1, (1991), pp. 78-82.

Brief analysis of the need for and ways and means of voluntary accreditation of distance education institutions.

133. Kaye, A.R. "Distance education", pp. 262-268 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

"Identifies its characteristics, in addition to the physical distancing of the teachers from taught, and the advantages it offers, the materials used in it, its institutional structures, and the extent of its development"; references to European countries.

134. Kaye, T. and Rumble, G. "Open universities: A comparative approach". *Prospects*, vol. 21, No. 2, (1991), pp. 214-216.

Comparative "analysis of the use of distance education methods for post-secondary education, written shortly after the fifteenth World Conference for Distance Education...in November 1990".

135. Keegan, D. *Foundations of distance education* (2nd edn.) London: Routledge, 1990. 214 p.

Completely revised and updated edition; describes various forms and models of distance education worldwide, with case studies from a number of European countries.

136. Ljosà, E. "Distance education in Europe--and models for organising future co-operation". *Bulletin, International Council for Distance Education*, vol. 25, (January 1991), pp. 13-24.

Overview paper presented to the Steering Committee at a meeting at Milton Keynes, UK, in October 1990.

137. Ljoså, E. "Distance learning in Europe: A Norwegian perspective". *Open learning: The journal of open and distance learning*, vol. 6, No. 3, (1991), pp. 40-47.

"This paper is based on an address given by Erling Ljoså to a seminar on the potential for Distance and Open Learning in the European Context", held in Oslo, April 26, 1990.

138. Longworth, N. and Gwyn, R. "The PLUTO International Networking Project". *European journal of education*, vol.24, No. 1, (1989), pp. 79-83.

Outline of the developmental stage in the collaborative distance learning project linking together European teacher training institutions.

139. Mason, R. and Kaye, A. (eds.) *Mindweave: Communication, computers and distance education*. Oxford: Pergamon Press, 1989. 273 p.

Based primarily on an international conference on Computer Mediated Communication in Distance Education organized by the Open University in Milton Keynes in 1988. Some European references; Danish paper listed under Denmark.

140. Meed, J. "1992: The impact of the internal European market on open learning". *Open learning: The journal of open and distance learning*, vol. 5, No. 1, (1990), pp. 45-49.

Outline examination of possible impact of the open European market, to be implemented in 1992, on training and open learning in particular.

141. Musto, F. "Key issues in distance education: An industrial viewpoint". *European journal of education*, vol. 24, No. 1, (1989), pp. 25-35.

Analysis of the key issues from the perspective of a South European industrialist; dealing especially with the need for profound change in attitude towards distance education in industry and cooperation between industry and universities.

142. Perriault, J. *Charting the course of distance education in a wider Europe*. Strasbourg: Council of Europe, 1990. 34 p.

Overview of current distance education system in Western Europe and outlook for the future.

143. Rekkedal, T.; Lampikoski, K.; van der Mark, D. "The AECS survey 1988". *Epistolodidaktika: The European journal of distance education*, No. 1, (1989), pp. 8-17.

Report of a questionnaire survey carried out 1987-88 among member institutions by the Association of European Correspondence Schools in 1987-88.

144. Rumble, G. "The role of distance education in national and international development: An overview". *Distance education: An international journal*, vol. 10, No. 1, (1989), pp. 83-107.

"This article examines the many strands which have led the State to take an increasing interest in distance education."

145. Wedemeyer, C.A. "Correspondence study", pp. 268-271 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

"Outlines the history, the operation of correspondence study systems, the needs this kind of study serves and who provides it, and the problems of recognition and validation of correspondence courses"; references to European countries.

See also: 73, 146, 148, 150, 154, 155, 156, 157, 158, 159, 196.

11(a) Educational radio and television; educational technology

146. Bates, A.W. (ed.) *Media and technology in European distance education*. Milton Keynes: European Association of Distance Teaching Universities, 1990.

Proceedings of a 1989 EADTU Workshop on Media, Methods and Teaching.

147. Bestebreurtje, B. "The DELTA Programme: Towards European learning technology". *Journal of European industrial training*, vol. 15, No. 3, (1991), pp. 3-7.

Account of the DELTA Project of the Commission of the European Communities aimed at stimulating development of advanced learning technology in corporate training.

148. Bieber, J. "Setting up a satellite network for distance learning". *European journal of education*, vol. 24, No. 1, (1989), pp. 47-54.

Overview of the need for, attempt to create, and roadblocks in the way of a European satellite network for distance learning.

149. Casey, M. "The electronic information industry in Europe: An analysis of trends and prospects in less developed economies". *Journal of librarianship and information science*, vol. 23, No. 1, (1991), pp. 21-36.

Analysis of the situation in Greece, Ireland, Portugal and Spain.

150. Collis, B.A. "Telecommunications-based training in Europe: A state-of-the-art report". *The American journal of distance education*, vol. 5, No. 2, (1991), pp.31-40.

"This article reports on a recent European Community-sponsored seminar in which state-of-the-art projects involving the use of different forms and combinations of telecommunications for training and instruction were presented and Europe-wide initiatives were discussed."

151. Garito, M.A. "Research in the educational multi-media technologies field and the research programme DELTA". *Educational media international*, vol. 26, No. 3, (1989) pp. 164-169.

Examination of the EEC program Developing European Learning through Technological Advance (DELTA), with references to work carried out in Italy.

152. Goodyear, P. "Development of learning technology at the European level: The DELTA Programme". *Education and training technology international*, vol. 26, No. 4, (1989), pp. 335-341.

Brief personal account of the program "concerned with the technological resources needed to support open and distance learning on a European scale".

153. Meyer, M. "Educational television in member countries of the European Broadcasting Union (EBU)". *Educational media international*, vol. 28, No. 4, (1991), pp. 209-217.

"Extracts from a report which describes the situation of educational television predominantly in Western European countries, with particular reference to broadcasting organizations that are active members of EBU."

154. Osborne, C.W. (ed.) *International yearbook of educational and training technology 1989*. London: Kogan Page, 1989. 475 p.

Directory of centres of activity world-wide, with entries for most European countries.

155. Osborne, C.W. (ed.) *International yearbook of educational and training technology 1990*. London: Kogan Page, 1990. 534 p.

Directory of centres of activity world-wide, with entries for most European countries.

156. Osborne, C.W. (ed.) *International yearbook of educational and training technology 1991*. London: Kogan Page, 1991. 508 p.

Directory of centres of activity world-wide, with entries for most European countries.

157. Rebel, K. "Modern learning technologies and their importance for a 'European Open Learning'--the DELTA example". *Research in distance education*, vol. 2, No. 3, (1990), pp. 2-7.

"DELTA is concerned with learning in Europe, based on a systéms approach...to improve learning and training opportunities for all adults in Europe in the tertiary sector and in further education."

158. Rekkedal, T. and Paulsen, M.F. "Computer conferencing in distance education: Status and trends". *European journal of education*, vol. 24, No. 1, (1989), pp. 61-72.

Overview of current status and trends of the two-way interactive system of computer-mediated conferencing.

159. Zorkoczy, P. "Using a Pan-European delivery system for distance education". *European journal of education*, vol. 24, No. 1, (1989), pp. 55-60.

Paper written from the experience of "setting up the technical and educational infrastructures for EuroPACE, the first European satellite education delivery system".

See also: 1, 122, 124, 131, 135, 137, 142, 188.

11(b) Press; publishing

See number 25.

12(a) Libraries

160. Allred, J. "Libraries and adult education", pp. 302-306 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Perqamon Press, 1989.

"Covers the role libraries play in the support of adult learners whether or not the learner attends a formal educational programme and whether or not the library is part of an educational institution"; some references to Europe.

161. Cunningham, G. "Libraries, information and Europe". *Journal of librarianship*, vol. 22, No. 2, (1990), pp. 63-70.

Overview of initiatives in library and information services originating from the European Community and the Council of Europe.

162. Fine, S. "The role of libraries in economic restructuring". *International library review*, vol. 22, No. 4, (1990), pp. 201-211.

"This article describes some of the ways in which libraries, both academic and public, can become key players in the process of economic restructuring and development", with special reference to Eastern Europe.

See also: 149.

14(a) Community development

163. Conroy, P. "The case of Western Europe: Integration and change in the EEC". *Community development journal*, vol. 25, No. 4, (1990), pp. 292-299.

Discussion of the new situation and new challenges and choices facing community development in Western Europe.

164. McConnell, C. "Community development in five European countries". *Community development journal*, vol. 26, No. 2, (1991), pp. 103-111.

Outline overview of community development in Spain, Portugal, Netherlands, Ireland and UK.

165. Osborn, M. "Outreach work", pp. 151-154 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Overview of this strategy of adult education, especially with reference to "efforts to reach specific target groups"; references are made to projects in Europe.

166. Poster, C. and Krüger, A. (eds.) *Community education in the Western World*. London: Routledge, 1990. 207 p.

Collection of papers on community education and development ideas and practice; applicable papers listed under country headings here.

167. Simpson, J.A. "Sociocultural animation", pp. 54-57 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Overview of the concept and practice of sociocultural animation, especially in France, with some references to other European countries.

See also: 82, 267, 287, 304.

15(a) Literacy; adult basic education

168. Austrian Commission for Unesco. *Seminar on functional illiteracy in industrialized countries*. Vienna: The Commission, 1989. 35 p.

Final report and recommendations of the seminar, held in Ottenstein, Austria, May 30-June 3, 1989 (French version of the report and recommendations included).

169. Barton, D. and Hamilton, M.E. *Researching illiteracy in industrialized countries: Trends and prospects*. Hamburg: Unesco Institute for Education, 1990. 62 p.

Analysis of recent trends in literacy research and of its future prospects, based on extensive review of the literature and responses to a questionnaire circulated by the UIE.

170. Bhola, H.S. "Adult literacy: From concepts to implementation strategies". *Prospects*, vol. 19, No. 4, (1989), pp. 479-490.

Overview of the historical development of concepts and implementation strategies from 1945 on in the context of Unesco.

171. Cárceles, G. "World literacy prospects at the turn of the century: Is the objective of literacy for all by the year 2000 statistically plausible?". *Comparative education review*, vol. 34, No. 1, (1990), pp. 4-20.

Overview of the main lines of literacy issues from a quantitative viewpoint.

172. Eskola, K. "Literacy and the reading of books: The Nordic countries, Europe, the world". *Scandinavian public library quarterly*, vol. 22, No. 2, (1989), pp. 3-8.

Analysis of the relationship between literacy and book readership.

173. *Functional literacy in Eastern and Western Europe*. Hamburg: Unesco Institute for Education, 1991. 103 p.

Report of a seminar sponsored jointly by the UIE, Unesco, OECD and CERI, held November 1990 in Hamburg.

174. Gerhardt, H.P. "Literacy for what? The plurality of cultural approaches". *Prospects*, vol. 19, No. 4, (1989), pp. 491-504.

Analysis of the various approaches to definition of purposes of, and reasons for, literacy.

175. Gläss, B. *Literacy education in industrialized countries*. Bonn: German Commission for Unesco, 1990. 77 p.

"Reasons and programs for promoting basic cultural techniques in the Federal Republic of Germany and other countries of the Europe Region."

176. Hunter, C.St.J. "Adult literacy in developed countries" pp. 84-87 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Outline of the definitional problems, basic literacy, functional literacy and ways and means of dealing with it; references to several European countries.

177. Koivunen, H. "Eastern and Western literacy". *Adult education in Finland*, vol. 27, No. 2., (1990), pp. 14-18.

Thoughts on Eastern and Western values of literacy and on the benefits of their mutual influence.

178. Kreft, W. and Waldmann, D. *Literacy in the European Community*. Berlin: Arbeit bildung wohnen, 1990. 62 p.

Trilingual (English/French/German) report on "the scientific co-ordination of the action-based research on the prevention and remedying of illiteracy carried out on behalf of the Commission of the European Communities".

179. Limage, L. "Adult literacy and basic education in Europe and North America: From recognition to provision". *Comparative education*, vol. 26, No. 1, (1990, pp. 125-140.

Comparative examination of the growth of recognition of the complex issue of literacy and ABE; while references are made to northern and southern Europe, in-depth analysis deals only with France, UK and USA.

180. Malmquist, E. "Illiteracy--a global problem", pp. 12-26 in *Swedish aspects on literacy* edited by B. Ericson. Stockholm: Swedish National Board of Education, 1991.

Overview of the problem of illiteracy and assessment of efforts to deal with it on a global scale.

181. Tanquiane, S. *International yearbook of education, vol. XLII-1990: Literacy and illiteracy in the world--situation, trends and prospects*. Paris: Unesco, 1990. 163 p.

Analysis of the theme including a specific chapter on "The problem of illiteracy in developed countries: Functional illiteracy", (pp. 118-143).

182. Task Force Human Resources, Commission of the European Communities. *Literacy in the European Community: Meeting Brussels, 14-15 May 1990*. Luxembourg: Office for Official Publications of the European Communities, 1991. 158 p.

183. Unesco, Office of Statistics. *Basic education and literacy: World statistical indicators*. Paris: Unesco, 1990. 61 p.

Collection of statistical tables and graphic indicators prepared for the International Literacy Year and the World Conference on Education for All, held in Thailand in 1990;contains some statistics on literacy in Europe.

184. Vélis, J-P. *Through a glass darkly: Functional illiteracy in industrialized countries*. Paris: Unesco, 1990. 137 p.

Look at functional illiterates in Europe, recounting their stories and describing efforts to overcome and eliminate functional illiteracy.

185. Winchester, I. "The standard picture of literacy and its critics". *Comparative education review*, vol. 34, No. 1, (1990), pp. 21-40.

Essay examining elements of the standard picture of literacy, its critique leading to a revised standard picture and educational implications of the revised standard picture both for the developed and underdeveloped countries.

See also: 7, 9, 10, 16, 24, 26, 27, 28, 29, 32, 186, 275.

15(b) Secondary education

186. Jallade, J-P.; Jarenko, L; Keen, K. "Educating young people for the 21st century", pp. 37-76 in *Education for life: A European strategy* edited by K. Kairamo. London: Butterworths, 1989.

Part of a first industry-initiated survey of education in Western Europe, pointing out the need for cooperation between the authorities, schools and industry.

See also: 92.

15(c) Post-secondary education; higher education

187. Bylander, M. and Ros, F. "Higher education: A European imperative", pp. 77-102 in *Education for life: A European strategy* edited by K. Kairamo. London: Butterworths, 1989.

Part of a first industry-initiated survey of education in Western Europe, dealing with the need for closer cooperation between industry and higher education institutions.

188. Calude, C.; Chitoran, D.; Malitza, M. (eds.) *New information technologies in higher education*. Bucharest: CEPES, 1989. 340 p.

Contains "studies by researchers in various disciplines, offering an overview of the present-day state of new information technologies (NITs) in teaching, training, research and administration in higher education".

189. Cerych, L. "Reforming higher education in Central Europe". *European journal of education*, vol 25, No. 4, (1990), pp. 351-359.

Overview of recent developments in Czechoslovakia, Hungary, Poland and Yugoslavia, with only passing reference to adult part-time study.

190. Commission of the European Communities. *Memorandum on higher education in the European Community*. Luxembourg: The Commission, 1991.

The memorandum "describes the role of higher education in an evolving Community, and its relevance to many aspects of Community policies, [as well as] the new educational needs identified and policies required for the development of higher education".

191. Husen, T. "The idea of the university: Changing roles, current crisis and future challenges". *Prospects*, vol. 21, No. 2, (1991), pp. 171-188.

Overview of major current issues and trends against historical background.

192. Lesourne, J. "The future of industrial societies and higher education". *Higher education management* vol. 1, No. 3, (1989), pp. 284-297.

Discourse on the theme of future prospects and challenges for higher education.

193. Nicolae, V.; Smulders, R.H.M.; Korka, M. *Statistics on higher education: 1980-1985*. Bucharest: European Centre for Higher Education, 1989. 165 p.

Subtitle: A study of data on higher education and research from the countries of the Europe Region.

194. Organisation for Economic Co-operation and Development. *Alternatives to universities*. Paris: OECD, 1991. 85 p.

"Part One of this volume reviews and discusses recent trends and developments in the non-university sector. Part Two...gives a substantial summary of the findings and conclusions of the general report and draws implications for policy."

195. "Recent trends in European higher education" (theme issue). *European journal of education*, vol. 25, No. 2, (1990), pp. 103-231.

Since only scant references are made to adults, adult education, part-time study and extension, individual articles on Denmark, France, Finland, West Germany, Netherlands and Norway are not listed here.

196. Richardson, M.E. "Open access institutions for adults: Some higher education cases", pp. 293-296 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

"Considers what open access means and the kinds of institution that have been set up to provide it, concentrating on open universities in several countries": includes West Germany.

197. Sadlak, J. "The development of higher education in Eastern and Central Europe in the aftermath of recent changes". *Prospects*, vol. 21, No. 3, (1991), pp. 401-412.

Overview of the changes in higher education, with passing references to adults.

198. Sayegh, R. *International yearbook of education, vol. XLI-1989: The diversification of post-secondary educa-*

tion in relation to employment. Paris: Unesco, 1990. 167 p.

In addition to references to adults throughout the text the *Yearbook* contains a chapter on adult education (pp. 126-166).

199. Schütze, H.G. "Is the academy ready for adult students?". *Higher education in Europe*, vol. 16, No. 1, (1991), pp. 13-25.

"The intention of this article is to assess developments which occurred in the universities in Western Europe and North America in the twenty-year period since UNESCO began work on a long-term programme to promote the concept of universities as centres of lifelong learning."

200. Tight, M. "International comparisons: Western Europe", pp. 39-52 in *Higher education: A part-time perspective* by M. Tight. Buckingham: The Society for Research into Higher Education & Open University Press, 1991.

Brief vignettes on the situation in France, Italy, Netherlands, Spain, Sweden and West Germany; brief comparative analysis.

201. Tight, M. "Part-time higher education in Western developed countries". *European journal of education*, vol.26, No. 1, (1991), pp. 63-85.

Analysis of provision of part-time education among other in West Germany, France, Italy, Netherlands, Spain and Sweden.

See also: 92, 94, 115, 134, 137, 203, 208, 254, 271, 277.

15(d) Education permanente; lifelong learning; recurrent education

202. Bengtsson, J. "Recurrent education", pp. 43-51 in *Lifelong education for adults* edited by J.C. Titmus. Oxford: Pergamon Press, 1989.

Deals with recent developments in recurrent education, new emerging socioeconomic trends which will impact on recurrent education, and ideas and arguments about expanding current recurrent education opportunities.

203. Gelpi, E. "Universities as centres of lifelong learning." *Higher education in Europe*, vol. 16, No. 1, (1991), pp. 4-12.

Thinkpiece on the role of universities in lifelong learning, proposing necessary changes and examining barriers to change.

204. Jarenko, L.M. and Otala, M. "Lifelong learning and adult education", pp. 169-180 in *Education for life: A*

European strategy edited by K. Kairamo. London: Butterworths, 1989.

Part of a first industry-initiated survey of education in Western Europe.

205. Kouptsov, O. "Structuring lifelong education". *Higher education in Europe*, vol. 16, No. 1, (1991), pp. 26-37.

Proposal for "a means of classifying types of education which emphasizes the continuity of education as a whole

206. Lengrand, P. "Lifelong education: Growth of the concept", pp. 5-9 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Exposition of the genesis and development of the concept of lifelong education by its foremost theoretician.

207. Tuijnman, A. "Emerging systems of recurrent education". *Prospects*, vol. 21, No. 1, (1991), pp. 17-24.

Analysis of the progress of the concept of recurrent education and its implementation since the emergence of the concept in 1969.

208. "Universities as centres of lifelong education" (theme issue). *Higher education in Europe*, vol. 16, No. 1, (1991). 124 p.

Individual articles listed under appropriate headings here.

See also: 199.

16(a) Vocational and technical education; apprenticeship

209. Arvidson, L. and Rubenson, K. *Education and training of the labour force in the EFTA countries*. Stockholm: Swedish National Board of Education, 1990. 63 p.

Report prepared for the seminar New Challenges in the Education and Training of the European Workforce, held June 13-14, 1990 in Stockholm.

210. Bobio, V. *The Liguria-Lyons project: A positive experience of cooperation between regions of the European Economic Community*. Berlin: CEDEFOP, 1989. 89 p.

211. Chaplin, A.; Hayes, C.; Lemke, H. "Vocational education across Europe", pp. 103-120 in *Education for life: A European strategy* edited by K. Kairamo. London: Butterworths, 1989.

Part of a first industry-initiated survey of education in Western Europe.

212. Chomé, G. and Schmid, F. *Initial and continuing vocational training and work migration in Europe*. Berlin: CEDEFOP, 1989. 313 p.

"Results of the sub-conference Vocational Education and Employment, part of the Congress Culture in Transition, Berlin, March 1988."

213. Commission of the European Communities. *Commission memorandum on vocational training in the European Community in the 1990s*. Luxembourg: The Commission, 1991.

"This memorandum...situates and describes the new objectives that will become prominent in the coming years."

214. Commission of the European Communities, Economic and Social Committee. *Own-initiative and opinion on training, safety and protection of the environment*. Luxembourg: The Commission, 1991.

"This document contains the opinion of the Section for Social, Family, Educational and Cultural Affairs on training, safety and protection of the environment."

215. de Moura Castro, C. and Cabral de Andrade, C. "Supply and demand mismatches in training: Can anything be done?". *International labour review*, vol. 129, No. 3, (1990), pp. 349-369.

Analysis of the problem and suggestions for improvement.

216. Dupont, G.; Grootings, P.; Guerra, D. et al. *The social dialogue in the Member States of the European Community in the field of vocational training and continuing training--Synthesis*. Berlin: CEDEFOP, 1989. 105 p.

217. "Educational requirements in Europe". *Education and training*, vol. 39, (1989), pp. 15-17.

Outline report "of preliminary findings of a wide-ranging education study, the first of its kind in Europe...undertaken by the Standing Working Group on Education of the Round Table of European Industrialists, based in Brussels".

218. European Centre for the Development of Vocational Training. *Promotion of cooperation among research and development organisations in the field of vocational training: Working meeting papers 13. and 14. 9. 1988*. Berlin: CEDEFOP, 1989. 217 p.

219. European Centre for the Development of Vocational Training. *Promotion of cooperation among research and development organisations in the field of vocational training: Working meeting papers 3 to 5 July 1989*. Berlin: CEDEFOP, 1989. 262 p.

220. European Centre for the Development of Vocational Training. *The role of the social partners in vocational education and training including continuing education and training--Summaries of the reports of the Member*

States of the European Community. Berlin: CEDEFOP, 1990. 213 p.

221. European Centre for the Development of Vocational Training. *Vocational training scenarios for some Member States of the European Community--A synthesis report for France, Greece, Italy, Portugal, Spain and the United Kingdom*. Berlin: CEDEFOP, 1990. 46 p.

222. Forrester, K. and Ward, K. *Unemployment, education and training*. Sacramento, Calif.: Caddo Gap Press, 1991. 354 p.

."An examination of contemporary theory and practice and future possibilities for reducing unemployment through education and training."

223. Frank, E. "HRD in Europe" (theme issue). *Journal of European industrial training*, vol. 15, No. 5, (1991). 39 p.

Overview of vocational and industrial training in Western Europe, with detailed studies of educational systems in Austria, Denmark, France, Germany, Netherlands, Sweden and Switzerland.

224. Frank, E. and Bennett, R. "HRD in Eastern Europe" (theme issue). *Journal of European industrial training*, vol. 15, No. 8, (1991). 35 p.

Brief examination of economic and educational systems and structures of management training in Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, USSR and Yugoslavia.

225. Funnell, P. and Müller, D. *Vocational education and the challenge of Europe*. London: Kogan Page, 1991. 176 p.

Exploration of the relationship between vocational education and the new challenge of the Single European Market.

226. Heidemann, W. "Qualification and the internal European market". *European education*, vol. 23, No. 2, (1991), pp. 32-46.

Examination of the impact of the new common market, to be implemented in 1992, and European Community policies on education, training and continuing education.

227. *Innovative methods of technical and vocational education*. Bonn: Federal Ministry of Education and Science, 1989. 60 p.

Report of the Unesco International Symposium on the topic, held June 5-9, 1989 in Hamburg.

228. Jallade, J-P. "Recent trends in vocational education and training: An overview". *European journal of education*, vol. 24, No. 2, (1989), pp. 103-125.

Overview of trends in school, post-school and in-house company vocational training.

229. Kanawaty, G. and de Moura Castro, C. "New directions for training: An agenda for action". *International labour review*, vol. 129, No. 6, (1990), pp. 751-771.

Analysis of new training needs and proposed ways and means of and responsibility for training of workers.

230. Köditz, V. *Vocational guidance and counselling for adults. Abridged version of the summary report, Berlin 7 and 8 December 1989*. Berlin: CEDEFOP, 1989. 17 p.

231. Lichtner, M. "Labour market strategies and adult education in Europe". *Studies in the education of adults* (UK), vol. 23, No. 2, (1991), pp. 145-153.

Brief analysis of the relationship and mutual influence between labour market strategies and adult education, illustrated by developments in Italy.

232. Lindley, R.M. "Interactions in the markets for education, training and labour: A European perspective on intermediate skills", pp. 185-206 in *International comparisons of vocational education and training for intermediate skills* edited by P. Ryan. London: Falmer Press, 1991.

"This chapter provides a European perspective on British policy questions relating to intermediate skills, drawing especially on a study of changing employment patterns in five EC countries."

233. Michiels, K. "Youth unemployment in West Europe: Alternating training systems as responses to youth unemployment in five Western European countries", pp. 295-329 in *Unemployment, education and training* edited by K. Forrester and K. Ward. Sacramento, Calif.: Caddo Gap Press, 1991.

"Concerned primarily with a research project with the object of making a comparative study of the way in which the transition from school to work proceeds for poorly educated youth in five Western European countries." (Belgium, France, West Germany, Netherlands and United Kingdom).

234. Müller-Warson, L. *Vocational training in the tourist industry*. Berlin: CEDEFOP, 1991. 146 p.

235. Plant, P. *Transnational vocational guidance and training for young people and adults: Synthesis report of eight studies carried out on behalf of Cedefop*. Berlin: CEDEFOP, 1990. 62 p.

236. Rajan, A.; Marcal Grilo, E.; Calouste Gulbenkian Foundation. *Vocational training scenarios for some Member States of the European Community: A synthesis report*

for France, Greece, Italy, Portugal, Spain and the United Kingdom. Berlin: CEDEFOP, 1990. 46 p.

237. "Recent trends in vocational education and training" (theme issue). *European journal of education*, vol. 26, No. 1, (1991). 61 p.

Articles on Italy, Spain and Portugal, Germany and Netherlands listed under appropriate headings here.

238. Ryan, P. (ed.) *International comparisons of vocational education and training for intermediate skills*. London: Falmer Press, 1991. 301 p.

Collection of papers given at a seminar on the theme, held at the University of Manchester, UK, in September 1989; applicable papers listed here under appropriate headings.

239. Seyfried, E. and Bertzeleton, T. (eds.) *Vocational rehabilitation of the mentally ill in office and computer services: Theories, methods and evaluation outcomes of training programmes--Results of the CEDEFOP Research Meeting, Berlin June 1989*. Berlin:CEDEFOP, 1990. 154 p.

240. Titmus, C.J. "Adult education for employment: Policies, participation, and structure", pp. 96-101 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Discussion of "factors that influence individual participation, who provides work-oriented education, and how".

241. Titmus, C.J. "Adult education for employment: Purposes and principles", pp. 93-96 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

"Examines at length the question of the purposes of work-related study, for the students, employers, and society as a whole. It also discusses the major principles, mostly economic, but some social or even moral, which animate provision."

242. Unesco. *Trends and development of technical and vocational education*. Paris: Unesco, 1990. 72 p.

"A comprehensive view of worldwide trends in the development of technical and vocational education, based on the proceedings of an international congress convened by Unesco in Berlin in 1987."

243. "Variations on a theme: Vocational education" (theme issue). *Western European education*, vol. 21, No. 4, (1989-90). 103 p.

Individual articles listed here under appropriate headings.

244. Wolf, A. "Assessment in European vocational education and training: Current concerns and trends". *Journal of curriculum studies*, vol. 23, No. 6, (1991), pp. 552-57.

See also: 5, 20, 50, 57, 58, 61, 64, 66, 75, 76, 77, 83, 84, 92, 93, 125, 249, 249, 260, 273, 275.

16(b) Training in business, industry and government

245. Braddick, W.A.G.; McAllister, D.; Paul, J-P.; Testa, G. "Management development practices", pp. 121-168 in *Education for life: A European strategy* edited by K. Kairamo. London: Butterworths, 1989.

Part of a first industry-initiated survey of education in Western Europe.

246. Briales, H.; Le Marois, H. et al. *Support policies for business start-ups and the role of training: National reports from France, Italy, Spain, United Kingdom and synthesis report*. Berlin: CEDEFOP, 1991. 287 p.

247. European Centre for the Development of Vocational Training. *Analysis and evaluation of databases on business and management training schemes for small and medium-sized enterprises in the European Community*. Berlin: CEDEFOP, 1991. 89 p.

248. European Centre for the Development of Vocational Training. *Management education for small and medium-sized enterprises in the European Community*. Berlin: CEDEFOP, 1989. 129 p.

249. European Centre for the Development of Vocational Training. *Papers presented at the seminar on "Small-business start-up: Support policies and the role of vocational training", CEDEFOP, Berlin, June 1990*. Berlin: CEDEFOP, 1991. 82 p.

250. European Centre for the Development of Vocational Training. *The role of the two sides of industry in initial and continuing training*. Berlin: CEDEFOP, 1989. 41 p.

251. Germe, J.F. *Survey on the policy of continuing training in large firms*. Berlin: CEDEFOP, 1991. 59 p.

252. Gibb, A. *Training for small business in the European Community*. Berlin: CEDEFOP, 1990. 280 p.

"Guides to competency in the design of effective training programmes."

253. Rajan, A. *1992: A zero-sum game. Business, know-how and training challenges in an integrated Europe*. London: Industrial Society Press, 1990. 220 p.

Book for practitioners, discussing responses required from business, employees and training planners to the challenges of a frontier-free Europe.

See also: 50, 66, 75, 77, 92, 93, 137, 147, 187, 209, 212, 214, 216, 217, 229, 231, 234, 238, 263.

16(c) Professional continuing education; in-service training

254. Davies, J.L. "The training of academic heads of department in higher education institutions: An international overview". *Higher education management*, vol. 1, No. 2, (1989), pp. 201-215.

Comparative examination of issues of training heads of academic departments.

255. Kinsey, S.R. "The challenge from abroad: European continuing professional education moving toward 1993". *Journal of continuing higher education*, vol. 39, No. 3, (1991), pp. 11-16.

Overview of policies, organization and funding of professional continuing education in the European Community.

256. Mitter, W. "Final report", pp. 13-29 in *The effectiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

Report of the Fifth All-European Conference of Directors of Educational Research Institutions, held in Liechtenstein October 11-14, 1988.

257. Petráček, S. "Meeting the challenges of the nineties: Trends in in-service education and training (INSET) of education personnel", pp. 31-48 in *The effectiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

"Within the topic of this keynote paper I would like to raise some ideas on the in-service education and training (INSET) of educational personnel, as they have developed through the last decade, and suggest their significance for the nineties."

258. Wilson, J. (ed.) *The effectiveness of in-service education and training of teachers and school leaders*. Amsterdam: Swets and Zeitlinger, 1989. 161 p.

Report of the Fifth All-European Conference of Directors of Educational Research Institutions held in Triesenberg, Liechtenstein, in October 1988; individual papers listed here under appropriate headings.

See also: 6, 50, 66, 92, 187, 209, 216, 238.

16(d) Retraining; upgrading

259. European Centre for the Development of Vocational Training. *Vocational rehabilitation of mentally ill in*

office and computer services. Berlin: CEDEFOP, 1990. 154 p.

260. Forrester, K. and Ward, K. "Unemployment and Europe: An adult education perspective". *Studies in the education of adults* (UK), vol. 23, No. 2, (1991), pp. 154-167.

Overview of unemployment in Europe, of labour market policies, and developments in adult education addressed to the unemployed.

261. Köditz, V. *A summary report on the services available for the unemployed and especially the long-term unemployed in Denmark, the Federal Republic of Germany, France, Italy, the Netherlands, Portugal, Spain and the United Kingdom*. Berlin: CEDEFOP, 1991. 99 p.

262. Musberg, Ch. "Job training for older workers in the industrial world". *Ageing international*, vol. 17, No. 1, (1990), pp. 23-30.

Analysis of job training for older workers, primarily in the USA, Japan and Canada, but with sections also on France, Germany, Netherlands and Sweden.

263. Plett, P.C. "Developing education and training for an ageing society: A European dimension: Older people--appreciating assets?" *Journal of educational gerontology*, vol. 5, No. 2, (1990), pp. 79-95.

Analysis of the potential of older people and of education and training for them, to benefit them and the society in which they live.

264. Samorodov, A. "Coping with the unemployment effects of restructuring in Eastern Europe". *International labour review*, vol. 128, No. 3, (1989), pp. 357-371.

Analysis of the effects of restructuring on employment, with focus on "redeployment of released workers, training and retraining efforts, and changes in the job placement system".

265. "Third European Conference on Research in Rehabilitation" (theme issue). *International journal of rehabilitation research*, vol. 12, No. 4, (1989). 115 p.

This theme issue contains national reports and main contributions at a conference held in Rotterdam in June 1988.

266. de Wijs, R. (ed.) *The place of general and liberal education in special programmes for the long-term unemployed*. Amersfoort: European Bureau of Adult Education, 1989. 64 p.

Report of a conference held in Woburn, England in October 1988.

See also: 50, 66, 92, 209, 212, 216, 217, 229, 230, 238, 239, 305.

16(e) Agricultural extension; rural adult education

267. Henderson, P. "For a rural people's Europe". *Community development journal*, vol. 26, No. 2, (1991), pp. 118-123.

Look at "issues affecting the rural communities of Europe and the policies (or lack of policies) for rural development post-1992", and outline of a French example of integrated rural development work.

268. Le Gouis, M. "Alternative financing of agricultural extension: Recent trends and implications for the future" pp. 31-42 in *Agricultural extension: Worldwide institutional evolution and forces for change* edited by W.M. Rivera and D.J. Gustafson. Amsterdam: Elsevier, 1991.

Comparative analysis of the development and trends in financing agricultural extension in industrialized countries.

269. Rivera, W.M. and Gustafson, D.J. (eds.) *Agricultural extension: Worldwide institutional evolution and forces for change*. Amsterdam: Elsevier, 1991. 312 p.

Collection of papers on the theme; applicable papers listed under appropriate headings here.

17(a) Armed services education

270. Stephens, M.D. *The educating of armies*. New York: St. Martin's Press, 1989. 237 p.

Collection of articles on theory and practice of education and training in the armed forces; articles on Sweden and USSR listed under country headings.

271. Tilson, G. and Kauvar, G. "Education in the armed forces", pp. 357-360 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Outline of education for military competence, for personal interest or development, political education and education for return to civilian life; references to Europe.

18(a) Education of women

272. European Bureau of Adult Education. *Grassroots education for women in Europe*. Amersfoort: The Bureau, 1991. 310 p.

Collection of articles on equal opportunities and specific experiences with women's education in nine European countries, resulting from a workshop held in Girona, Spain, in 1990; applicable articles listed under country headings here.

273. European Centre for the Development of Vocational Training. *Equal opportunities and vocational training--13 years on: The results of CEDEFOP's programme for women 1977-90*. Berlin: CEDEFOP, 1990. 23 p.

274. Oglesby, K.L. "Women and education and training in Europe: Issues for the 90s". *Studies in the education of adults* (UK), vol. 23, No. 2, (1991), pp. 133-144.

Overview of issues for education and training of women arising from the current political, social and cultural situation.

275. Oglesby, K.L.; Krajnc, A.; Mbilinyi, M. "Adult education for women", pp. 322-333 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

"Examines [education of women] globally and then treats in turn women in developed and developing countries... Also outlines the growth of women's studies."

See also: 5.

19(a) Workers' education; union education; paid educational leave

276. Bengtsson, J. "Paid educational leave", pp. 159-161 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Examination "of arguments at international level which have surrounded the proposed introduction of paid educational leave as a right and [assessment of] what progress has been made in establishing it".

277. Bron-Wojciechowska, A. *Workers and post-secondary education: A cross-polity perspective*. Uppsala: Uppsala University; Stockholm: Almquist & Wiksell Int., 1989. 348 p.

Investigation of workers' access to post-secondary education in West Germany, Poland, USA and Yugoslavia.

278. Gregor, Z. "On the go in Central and Eastern Europe". *Labour education*, No. 1, (1991), pp. 22-24.

Outline account of ILO educational activities in the region.

279. Monat, J. "Prospects for labour education in Eastern Europe". *Labour education*, No. 2, (1990), pp. 10-16.

Overview of the need for and prospects of broadly defined labour education in the rapidly changing social, economic and political climate in the region.

280. Poloni, C. "Finding the answers: A look at Central and Eastern Europe". *Labour education*, No. 1, (1990), pp. 1-5.

Overview of the new political situation in the region, challenges faced by trade unions there, and workers' learning needs.

281. Schuller, T. "Paid educational leave: Idée passée or future benefit", pp. 179-193 in *Learning opportunities for adults* edited by T.E. Corner. London: Routledge, 1990.

Review of the situation of paid educational leave in several countries, with particular attention to French experience.

282. Whitehouse, J.R.W. "Workers' education", pp. 349-357 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Examination of education for service in the labour movement, its content, structures and finance; some references to Europe.

See also: 64, 106.

20(a) General education; humanities; liberal arts

See: 229, 266, 271.

20(b) Languages

283. Commission of the European Communities. "Commission announces major new languages programme". *European education*, vol. 23, No. 2, (1991), pp. 28-31.

Outline account of the new LINGUA program aimed "to develop the ability of citizens in the Community to communicate more effectively...and to develop effective measures to ensure that the Community work force has the level of foreign language skills required for firms to benefit fully from the internal market".

20(c) Science education; environmental education

284. Sutton, P. "Environmental education: What can we teach?". *Convergence*, vol. 22, No. 4, (1989), pp. 5-11.

Examination of the topic, with examples drawn largely from the Climate and Development World Congress held in Hamburg in November 1988.

See also: 214.

20(d) Civic education; political training

285. Entwistle, H. "Political education", pp. 116-121 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

"Looks at what is meant by political education and reviews major controversies about its working and its ob-

jectives. It examines trends in pluralistic societies, the developing countries, and Marxist states."

286. Field, J. "Social movements: The cutting edge of European adult education". *International journal of university adult education*, vol. 30, No. 1, (1991), pp. 1-12.

Analysis of the important relationship between adult education and social movements since the turn of the century to the present time.

287. Hopkins, P.G.H. "Adult education as an agent of change-despite state influence", pp. 23-44 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Analysis of the important role of adult education as social change agent in the 20th century, in the context of growing influence of the state.

288. Jarvis, P. "Adult learning, education and democracy?", pp. 45-55 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Analysis of the concept of democracy and of approaches to democracy and adult education from the perspectives of individualism, pluralism and radicalism.

289. Kekkonen, H. "Peace education", pp. 134-138 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

"Seeks to define the parameters of the subject, its purposes, its present status, and its need for expansion."

290. Knoll, J.H. (ed.) *International yearbook of adult education, 1989*. Köln: Böhlau Verlag, 1989. 275 p.

The theme of volume 17 of the *Yearbook* is "Adult education--politics--political education in a European context"; individual articles listed under country headings here.

291. Pöggeler, F. " `Education after Auschwitz' as a perspective of adult education", pp. 223-230 in *Adult education in crisis situations* edited by F. Pöggeler and K. Yaron. Jerusalem: The Magnes Press, The Hebrew University, 1991.

Exposition of "educational lessons to be drawn from the Holocaust...guided by the ethical teaching of Theodor Adorno".

292. Thomas, A.M. "Adult education for social action", pp. 113-116 in *Lifelong education for adults* edited by C.J. Titmus. Oxford, Pergamon Press, 1989.

Examines "the kind of education that is directed towards, or devoted to, improving participation by indi-

viduals in the public life of the societies to which they belong, considering different approaches and the problems that arise from particular ideological standpoints"; includes some references to Europe.

293. Yaron, K. "Political education and propaganda as concepts in adult education", pp. 24-33 in *Adult education in crisis situations* edited by F. Pöggeler and K. Yaron. Jerusalem: The Magnes Press, The Hebrew University, 1991.

Paper clarifying the concepts of propaganda and political education.

See also: 56, 87, 88, 271.

20(f) Consumer education, cooperative education

294. International Labour Office, Co-operatives Branch. "Central and Eastern European countries: ICA Seminar on Co-operative Legislation". *Labour education*, No. 2, (1991), pp. 29-31.

Brief report of the seminar held in Prague in December 1990.

20(g) Health education

295. Grant, J.P. "Teaching doctors to teach". *Higher education in Europe*, vol. 14, No. 1, (1989), pp. 73-77.

Call on the physicians of the world "to concentrate more fully on the teaching of the theories and methodologies of community health".

296. James, C.; Balding, J.; Harris, D. *World yearbook of education 1989: Health education*. London: Kogan Page, 1989. 351 p.

Collection of overviews of health education in many countries, including Europe; appropriate articles listed under country headings here.

20(h) Physical education; sports; recreation

297. Girginov, V. "Leisure and leisure sports in East Europe countries: Predictions for the year 2000". *Journal of the International Council for Health, Physical Education, and Recreation*, vol. 26, No. 1, (1989), pp. 4-7.

Outline of the impact of ongoing social changes on leisure activities and sport for all age groups.

298. Jones, H.G. *The economic impact and importance of sport: A European study*. Strasbourg: Council of Europe, 1989. 68 p.

Report highlighting major findings of several national studies of the impact of leisure sport on the economy.

299. Schmidt, K. "Sport in the constitution of Member Countries of the European Community and of other states". *International journal of physical education*, vol. 27, No. 4, (1990), pp. 29-31.

Includes information on Albania, German Democratic Republic, Greece, Luxembourg, Netherlands, Portugal, Spain, USSR and Yugoslavia.

20(i) Religious education

300. Strudwick, V. "Christian churches and adult education", pp. 298-302 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Account of the roots and current situation of adult education provided by the Christian denominations; some references to Europe.

20(k) Art; drama; music education

See: 33.

20(l) Pre-retirement education; programs for retired

301. Clennel, S. (ed.) *Older students in Europe. A survey of older students in four European countries*. Oxford: The Open University, 1990. 102 p.

"Report of a study carried out by members of an international research group on educational activities of persons aged 60 and over [in Belgium, France, Federal Republic of Germany, and UK]."

302. "European dimension on education and training for an aging society". *Ageing international*, vol. 17, No. 2, (1990), pp. 48-49, 51.

Report of a conference of the UK Association for Educational Gerontology, held in March 1990 in Keele, UK.

303. Pearson, M.; Lansley, J.; Pick, K. "Preparation for retirement in Europe: The preserve of the privileged few?". *Journal of educational gerontology*, vol. 4, No. 2, (1989), pp. 59-69.

"This paper summarizes the findings of a study of Preparation for Retirement (PFR) in Europe undertaken in 1987-88 and funded by the Commission of the European Communities."

304. Pilley, C. *Adult education, community development and older people*. London: Cassell Educational, 1990. 70 p.

"This study is based on visits made in 1988 to some seventeen projects and organizations in six Council of Europe countries...as part of the preparation for a new Council of Europe initiative on Adult Education and Social Change"; case studies listed under appropriate headings here.

305. Plett, P.C. and Lester, B.T. *Training for older people: A handbook*. Geneva: International Labour Office, 1991. 217 p.

"This handbook provides information on methods to improve the efficiency and effectiveness of training programmes for older workers, including helping older workers to find productive employment."

306. Withnall, A.M.E. and Kabwasa, N.O. "Education for older adults", pp. 319-322 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Overview of "the relationship between ageing and ability to learn,...special educational needs of the elderly,...and [description of] initiatives, notably the University of the Third Age and elderhostel, designed to meet these needs"; references to Europe.

See also: 262, 263.

20(m) Immigrant, ethnic minority, multicultural education

307. Gelpi, E. "Community, education and migrant workers: Myths and realities", pp. 137-141 in *Community education in the Western World* edited by C. Poster and A. Krüger. London: Routledge, 1990.

Reflections on the theme by one of the leading international educational thinkers.

See also: 13, 14, 102, 107, 212.

SCANDINAVIA

2(a) General overviews; directories; dictionaries

308. Engelhardt, J. (ed.) *Adult education in Europe: Nordic countries I and II*. Praque: European Centre for Leisure and Education, 1989. 353 p.

Translation of *Voksenundervisningen i Norden* published in 1982; covers Denmark, Finland, Iceland, Norway and Sweden.

309. Nordic Council of Ministers. *The Nordic Council and the Baltic states*. Copenhagen: The Council, 1991. 62 p.

Proceeding of a conference on adult education in the two regions, held at the Hanaholmen Centre in Finland in May 1991.

2(b) History of adult education

310. Guttormsson, L. "The development of popular religious literacy in the seventeenth and eighteenths centuries". *Scandinavian journal of history*, vol. 15, No. 1, (1990), pp. 7-35.

Overview of the organizational diversity of literacy measures among the five Nordic countries.

311. Markussen, I. "The development of writing ability in the Nordic countries in the eighteenth and nineteenths centuries". *Scandinavian journal of history*, vol. 15, No. 1, (1990), pp. 37-63.

Historical analysis of developments in learning to write, specific to the Nordic countries.

2(c) Comparative studies

See: 308, 312, 314, 315.

4(a) International organizations; international cooperation

312. Hansen, Ch.A. et al. *Education and working life*. Copenhagen: Nordic Council of Ministers, 1991. 18 p.

"Evaluation of a Nordic Network concerning Adult Education and Training, Early School Leavers and Working Life."

313. Sorensen, R.C. "Scandinavian Seminar: Forty years of cultural immersion". *Scandinavian review*, vol. 77, No. 2, (1989), pp. 65-73.

Account of the international contribution of the Scandinavian Seminar enabling adult education and social work professionals to study adult education in Scandinavia, and older adults to experience Scandinavian life and culture.

See also: 309.

6(b) Research in adult education

See: 315.

7(a) Folk high schools; residential adult education

See: 313.

11(a) Educational radio and television; educational technology

314. Qvortrup, L. "Community teleservice centres and the future of rural society". *Community development journal* vol. 26, No. 2, (1991), pp. 124-130.

Overview of four-year experience with the work of the centres in Scandinavia, and discussion of possibilities of transfer of the concept to other European countries.

14(a) Community development

See: 314.

15(a) Literacy; adult basic education

315. Skovgaard-Petersen, V. "Literacy in the Nordic countries 1550-1900: A comparative study". *Scandinavian journal of history*, vol. 15, No. 1, (1990), pp. 1-5.

Brief overview of literacy research in the five Nordic countries.

See also: 310, 311.

16(e) Agricultural extension; rural adult education

See: 314.

20(g) Health education

316. Wrede, H. "Health care in Scandinavia: Coping with AIDS". *Scandinavian review*, vol. 23, (Autumn, 1990), pp. 36-41.

Outline of health promotion actions, including information and education.

ALBANIA

16(a) Vocational and technical education; apprenticeship

See: 224.

AUSTRIA

2(b) History of adult education

317. von Saldern, A. "The workers' movement and cultural patterns on urban housing estates in rural settlements in Germany and Austria during the 1920s". *Social history*, vol. 15, No. 3, (1990), pp. 333-354.

See also: 318, 319.

2(d) Biographies

318. Filla, W. "Eduard Leisching: A pioneer in popular education, old Austrian Privy Councillor, and the driving force behind the Society for Popular Education." *Western European education*, vol. 21, No. 3, (1989), pp. 75-99.

Portrait sketch of one of the grand old men of Austrian adult education, active between 1886 and 1934.

3(a) State and adult education; legislation

319. Garnitschnig, K. "Some remarks on the relations between government and adult education in Austria", pp. 261-273 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Overview of the historical development of this relationship and of the current situation vis-a-vis federal and provincial governments.

See also: 324, 325.

4(b) Financing of adult education

See: 319.

5(a) Adult educators; staffing; training

320. Knittler-Lux, U. "Basic and further education and training of adult educators in Austria", pp. 123-128 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Brief outline of the various provisions for training of adult educators.

6(b) Research in adult education

See: 321.

11(a) Educational radio and television; educational technology

321. Diem, P. "The audiences for educational and science programmes in Austrian television". *Educational media international*, vol. 28, No. 1, (1991), pp. 36-38.

Analysis of the correlation between time of air broadcasts and different genres of scientific and educational television programs.

322. Petermandl, M. "Computer-assisted vocational training". *Educational media international*, vol. 26, No. 3,(1990), pp. 181-182.

Outline of models developed by the Vocational Training Institute of the WIFI in Vienna for the use of computer-assisted learning programs on personal computers.

15(c) Post-secondary education; higher education

323. Gruber, K.H. "Policy change in Austrian higher education: indications of a new approach". *Higher education*, vol. 21, No. 4, (1991), pp. 607-619.

Outline analysis of the pressures for change, originating in the early 1990s.

16(a) Vocational and technical education; apprenticeship

324. *Further education and training of the labour force in Austria*. Vienna: Federal Ministry of Education and Arts, 1991. 67 p.

Account of all types of adult vocational education and training published for the OECD Country Reports series.

325. Stiegnitz, P. "Labour market policy and the employment situation in Austria". *Western European education*, vol. 21, No. 4, (1989-90), pp. 31-40.

Analysis of the labour market policy and of forms of vocational training for adults.

16(b) Training in business, industry and government

See: 324.

16(c) Professional continuing education; in-service training

See: 322, 324.

16(d) Retraining; upgrading

See: 324.

19(a) Workers' education; union education; paid educational leave

See: 317.

20(a) General education; humanities; liberal arts

See: 321.

20(c) Science education; environmental education

See: 321.

BELARUS

(Since 1991)

No materials located for 1991.

BELGIUM

3(a) State and adult education; legislation

326. Leirman, W. "The state and adult education in Belgium between 1919 and 1990: from generous guidance to bipartisan pragmatism", pp. 216-286 in *The state and adult education* edited by P. Roggeman. New York: Peter Lang, 1990.

Examination of "the relationship between labour, leisure, and education", and of "the evolution of adult education policies in relationship to developments in the field", confrontation of "the dynamics of adult education policies with the principles of 'lifelong education' and with different models of continuing education", and a look toward the future.

See also: 331.

3(b) Financing of adult education

327. Leroy, N. *The financing of continuing vocational training in Belgium*. Berlin: CEDEFOP, 1991. 95 p.

4(a) International organizations; international cooperation

See: 333.

4(c) Regional adult education systems and organizations

See: 331.

5(a) Adult educators; staffing; training

328. Minnaert, M. "The training of adult educators in Belgium", pp. 15-22 in *Training adult educators in Europe* edited by P. Jarvis and B. Chadwick. London: Routledge, 1991.

Brief overview of professional preparation of full-time adult educators, as well as of continuing professional development, in-service training and refresher courses for full-time and part-time adult educators.

See also: 330, 648.

6(a) Theory of adult education

329. Wildemeersch, D. "Learning from regularity, irregularity and responsibility". *International journal of lifelong education*, vol. 10., No. 2, (1991), pp. 151-158.

Analysis of two complementary approaches toward organization of learning, learning in regular, stable contexts and learning as an adaptation process to a variable context.

See also: 336.

See also: 336.

6(b) Research in adult education

See: 336.

12(a) Libraries

330. van der Stelde, J.W.E. "Short report on library and information science education in the Netherlands and Belgium (Flanders)". Libri, vol. 40, No. 2, (1990), pp. 158-164.

Outline of the training provision as of 1989 in the Netherlands and the Dutch-speaking part of Belgium.

14(a) Community development

331. Govaerts, M. "Regional institutes for community development in Flanders, Belgium: Their relationship to regional and local authorities". Community development journal, vol. 26, No. 2, (1991), pp. 147-152.

Assessment of "the way in which political and administrative structures at regional and local levels relate to the regional institutes and the future for community development work in Flanders in the 1990s".

15(a) Literacy; adult basic education

332. Goffinet, S-A. and Damme, D. Functional illiteracy in Belgium. Hamburg: Unesco Institute for Education, 1990. 182 p.

Analysis of the situation and the fight against illiteracy in the two language communities of Belgium (French and Flemish), within the overall social, economic and educational context.

15(c) Post-secondary education; higher education

333. Stevens, M. and de Volder, M.L. "Open higher education in Flanders". Open learning: the journal of open and distance learning, vol. 5, No. 1, (1990), pp. 50-52.

Brief overview of the genesis, organization, current state and future prospects of the Centre for Open Higher Education in the Dutch-speaking part of Belgium.

16(b) Training in business, industry and government

See: 327.

16(c) Professional continuing education; in-service training

334. Crahay, M. "How can we transform the methods used by serving teachers?", pp. 107-114 in *The effectiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

Analysis of "experiments carried out at Liège University's Experimental Teaching Laboratory over the last 15 years in order to see how it is possible to change teachers' methods in a way that will last".

See also: 327.

16(d) Retraining; upgrading

335. Gruloos, J. *Training of older workers in Belgium*. Geneva: International Labour Office, 1989. 22 p.

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See also: 327.

19(a) Workers' education; union education; paid educational leave

See: 335.

20(a) General education; humanities; liberal arts

336. Leirman, W. "Influence of the political culture on adult education: The case of Belgium between 1970 and 1989", pp. 89-102 in *International yearbook of adult education, 1989*. Köln: Böhlau Verlag, 1989.

Outline of historical development of adult education in Belgium and analysis of 'political influences on adult education and the implications of adult educational subsystems on society as a whole'; also outline of development of the discipline of adult education.

20(h) Science education; environmental education

337. Goffin, J. "Current trends in environmental education in the French-speaking area of Belgium". *European journal of education*, vol. 26, no. 4, (1991), pp. 391-399.

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20(i) Pre-retirement education; programs for retired

338. Leirman, W. "Adult education and the socio-cultural participation of elderly people in Flanders". *Journal of educational gerontology*, vol. 5, No. 2, (1990), pp. 56-67.

"In this article we will try to describe and evaluate the field of adult education and the social participation of elderly people in the Flemish part of Belgium. Occasionally, we will also refer to what is happening in Wallonia."

339. Pilley, C. "Self-help educational programmes", pp. 33-37 in *Adult education, community development and older people* by C. Pilley. London: Cassell Educational, 1990.

Outline of aims and activities of the Universities of the Third Age in Belgium and the "Opportunities in Retirement" project in Scotland.

BULGARIA

16(a) Vocational and technical education; apprenticeship

340. Stefanov, M.J. *New technologies, labour organisation, qualification, structures and vocational training in Bulgaria*. Berlin: CEDEFOP, 1990. 112 p.

16(c) Professional continuing education; in-service training

341. Bulgarian UNESCO Commission. "The efficiency of long term supplementary training", pp. 125-132 in *The effecptiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

Outline overview of the rationale for long-term professional development and its situation in Bulgaria.

CROATIA

(Since 1991)

No materials located for 1991.

CZECHOSLOVAKIA

2(b) History of adult education

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Account of Nazi attempts to control culture and education in occupied Bohemia and Moravia, and of Czech attempts at counteracting the Nazi pressure.

See also: 344, 348.

2(c) Comparative studies

343. Drobnic, S.; Hartmann, J.; Rus, V.; Volanen, M.V. "The transition from school to work and the employment system: A comparison of experiences in Czechoslovakia, Finland, Sweden and Yugoslavia", pp. 124-151 in *Youth, education and work in Europe* edited by W. Adamski and P. Grootings. London: Routledge, 1989.

Comparative analysis of problems of transition from school to work, based on analysis and evaluation of qualitative differences among the four countries.

See also: 344.

2(d) Biographies

344. Šolle, Z. "Vojtěch Náprstek and his era: Bohemia, the United States, and the transmission of culture". *East Central Europe*, vol. 17, No. 1, (1990), pp. 1-30.

Account of the popular educational work of Náprstek in the areas of industrial museums, propagation of technical progress and women's emancipation.

3(a) State and adult education; legislation

See: 345, 349.

3(b) Financing of adult education

See: 345, 349.

6(b) Research in adult education

345. Horna, J.L.A. "Work time, non-work time, and leisure in Czechoslovakia during the 1970s and 1980s: A survey of the Czech and Slovak sources". *East Central Europe*, vol. 16, No. 1-2, (1989), pp. 89-105.

Abbreviated and revised version of a paper presented at the Annual Meeting of the Canadian Association of Slavists, held in Winnipeg in June 1986.

10(a) Correspondence study; distance education; open learning

346. "Draft idea for foundation of the Open University in Slovakia". *Epistolodidaktika: The European journal of distance education*, No. 1, (1991), pp. 88-93.

Information about planning in progress for establishment of the Open University in the Slovak Republic of the Czech and Slovak Federated Republic.

347. Kalnicky, J. "Actual aims of distance education in the Slovak Republic". *Epistolodidaktika: The European journal of distance education*, No. 1, (1991), pp. 51-53.

Outline of problems and challenges in the Slovak Republic of the Czech and Slovak Federated Republic.

11(a) Educational radio and television; educational technology

348. Ryznar, E. and Croucher, M. *Books in Czechoslovakia*. Wiesbaden: Harrasowitz, 1990. 107 p.

Brief history of Czech and Slovak book culture, from the early manuscripts to 1945 (with a 3-page account of the period 1945 to the present).

15(c) Post-secondary education; higher education

349. Koucký, J. "Czechoslovak higher education at the crossroads". *European journal of education*, vol. 25, No. 4, (1990), pp. 361-378.

Overview of recent developments, with only passing references to lifelong education and part-time study.

16(a) Vocational and technical education; apprenticeship

350. Bilbow, G.T. "Education for labour in Czechoslovakia: The shifting sands of responsibility". *Educational studies* (UK), vol. 15, No. 2, (1989), pp. 93-105.

DENMARK

2(a) General overviews; collections of writings; yearbooks

351. Engelhardt, J. "Denmark", pp. 69-124 in *Adult education in Europe: Nordic countries I and II* edited by J. Engelhardt. Prague: European Centre for Leisure and Education, 1989.

Translation of a comprehensive study of all aspects of adult education, published first in 1982.

2(b) History of adult education

See: 352.

2(c) Comparative studies

See: 358, 361, 362.

2(d) Biographies

See: 360, 361.

3(a) State and adult education; legislation

352. Skovgaard-Petersen, V. "The influence of the state in Danish adult education", pp. 285-294 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Outline of traditions in Danish non-academic adult education since 1850, and development of relationship between the state and adult education.

See also: 355, 361.

3(b) Financing of adult education

353. Hedegaard, B. *The financing of continuing training in Denmark*. Berlin: CEDEFOP, 1991. 118 p.

See also: 361.

4(a) International organizations; international cooperation

See: 360, 383.

4(d) Local level adult education institutions and organizations

354. Knudsen, K.M. and Ravn, B. *The school as a local cultural centre in Denmark*. Copenhagen: Danish Research and Development Centre for Adult Education, 1990. 18 p.

Research report of evaluation of this Danish adult education phenomenon.

See also: 372.

5(a) Adult educators; staffing; training

355. Häuser, I. "The supplementary training of teachers in voluntary adult education in Denmark", pp. 149-162 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Overview of support services and in-service training available to instructors, animators and leaders in voluntary adult education, set against an outline of adult education provision in Denmark.

See also: 371.

6(a) Theory of adult education

356. Poulsen, S.C. "Bridging the gap between academic and industrial/commercial intelligence". *International journal of university adult education*, vol. 28, No. 1, (1989), pp. 25-46.

Highly personal retrospective analysis of conceptual and practical development of education and adult education since 1968.

357. Thøisen, L.; Jacobsen, K.M.; Nielsen, E.G.; Ullerup, B. M. *Qualifications in the year 2001*. Copenhagen: Danish Research and Development Centre for Adult Education, 1991. 32 p.

"What qualifications will we need to cope in the near future and in the years to come? And how do we acquire them?...In this publication [we] try to summarize and analyse these questions in the light of existing adult education but also in relation to the decisions which will be made on future adult education."

358. Warren, C. "Andragogy and N.F.S. Grundtvig: A critical link". *Adult education quarterly*, vol. 39, No. 4, (1989), pp. 211-223.

Analysis of the influence of Grundtvig's thought on theory and practice of American adult education.

See also: 354, 360, 367.

6(b) Research in adult education

See: 354, 368, 373.

7(a) Folk high schools; residential adult education

359. Himmelstrup, P. "Denmark: Folk high schools", pp. 38-46 in *Landmarks in international adult education* edited by A.N. Charters and R.J. Hilton. London: Routledge, 1989.

Brief outline of the genesis and current situation and mission of the residential adult schools.

360. Lawson, M. "The International People's College: A successful experiment in continuing education". *Australian journal of adult and community education*, vol. 30, No. 3, (1990), pp. 154-159.

"The article places this folk high school in the setting of the ideas of its founder, Peter Manniche, and in turn relates Manniche to Grundtvig and his educational ideas. An account of the International People's College as it functions today is given, drawn from the writer's teaching experience at the school".

361. Lieven, M. "State influence on adult education in Britain and Denmark: The case of the residential colleges". *Studies in higher education*, vol. 16, No. 1, (1991), pp. 29-40.

Comparative study "of institutional and legal structures and the political contexts within which adult residential colleges operate in Britain and Denmark."

362. Mohsini, S.R. *People's education*. New Delhi: Indian Adult Education Association, 1989. 99 p.

Account of the Danish folk high schools and the spread of the folk high school concept to other countries, with specific attention to India.

See also: 352, 383.

9(a) Town and village cultural centres; community schools

363. Högsbro, K.; Jochumsen, H.; Ravn, B. *Beyond limits: Development of the school as a local cultural centre in Denmark*. Copenhagen: Danish Research and Development Centre for Adult Education, 1991. 52 p.

Report presenting the final conclusions and perspectives of a four-year development project with the public schools as local cultural centres.

364. Jensen, M.T. "Denmark: Production schools", pp. 119-126 in *Community education in the Western World* edited by C. Poster and A. Krüger. London: Routledge, 1990.

Outline overview of the combined education and production programs for certain types of young unemployed, offered by independent production schools set up by local communities.

See also: 354.

9(b) Voluntary associations; societies; clubs

365. Habermann, U. "Voluntary work in a Nordic welfare state", pp. 42-51 in *State and civil society: Voluntary work in Western and Eastern Europe* edited by J.

Heinsius and J. Houben. Utrecht: Volonteurope/C.I.V., 1989.

Text of a lecture given at a workshop on Volunteer Work and the State, held in Noordwijkehout in July 1989.

See also: 352.

9(c) Study circles; discussion groups

See: 384.

10(a) Correspondence study; distance education; open learning

See: 366.

11(a) Educational radio and television; educational technology

366. Nipper, S. "Third generation distance learning and computer conferencing", pp. 63-73 in *Mindweave: Communication, computers and distance education* edited by R. Mason and A. Kaye. Oxford: Pergamon Press, 1989.

Exposition of the Danish model of third generation distance education using computer conferencing as the key mode of communication.

367. Poulsen, J. "Television--challenge or threat to social identity in small language communities?". *Educational media international*, vol. 28, No. 3, (1991), pp. 129-133.

Analysis of the effect of introduction of television on media structure and culture in Greenland (1971) and the Faroe Islands (1979-80), and generalizations for other small language communities.

12(a) Libraries

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Outline of a questionnaire study "to determine exact requirements and to create the means by which to develop and improve library service" in support of general and vocational adult education.

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370. Petersen, J. "The Danish public library system undergoes change". *Scandinavian public library quarterly*, vol. 23, No. 2, (1990), p. 4-6.

Account of major changes in legislation and government involvement in public libraries as of 1989.

371. Pors, N.O. "Employment patterns, the labour market, and student preferences". *Libri*, vol. 40, No. 2, (1990), pp. 112-125.

Outline of library personnel education, employment, preferences and curriculum implications.

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Account of the establishment and activities of the sound studio, part of the Odense public library.

See also: 374.

14(a) Community development

See: 364.

15(a) Literacy; adult basic education

373. Kristensen, O.S. "The unemployed and adult education: A longitudinal study of unemployed persons in adult basic education". *Scandinavian journal of educational research*, vol. 35, No. 2, (1991), pp. 145-159.

Report of a longitudinal study of 1256 participants in ABE, focusing on psychological changes in participants regarding unemployment.

374. Nielsen, G.S. "Permanent literacy year in Søllerød". *Scandinavian public library quarterly*, vol. 24, No. 3, (1991), pp.23-24.

Outline of literacy work for people of all ages with reading difficulty.

15(b) Secondary education

375. "The independent schools and adult education". *Western European education*, vol. 21, No. 3, (1989), pp. 67-71.

Outline of the reform of basic level of training for adults through single-subject courses preparatory for an examination.

16(a) Vocational and technical education; apprenticeship

376. Lebech, P. "The Vordingborg model: Integration and rehabilitation of visually impaired persons in Denmark". *Journal of visual impairment and blindness*, vol. 84, No. 6, (1990), pp. 257-259.

Includes information on rehabilitation in the workplace.

See also: 357, 364.

16(b) Training in business, industry and government

See: 353, 357.

16(c) Professional continuing education; in-service training

377. Jensen, M. "Continuing engineering education in Denmark". *Weiterbildung in Wirtschaft und Technik*, No. 3, (1990), pp. 25-28.

See also: 353, 357.

16(d) Retraining; upgrading

378. Aagard Hansen, C. *Educational and vocational orientation for the adult unemployed and in particular the long-term unemployed in Denmark*. Berlin: CEDEFOP, 1989. 64 p.

See also: 353, 357, 373.

19(a) Workers' education; union education; paid

379. "Danish LO at the forefront". *Labour* (1990), pp. 18-24.

Outline of the comprehensive provision by the Trade Union Internal Trai the Danish trade unions.

See also: 369.

20(q) Health education

380. Mathiesen, J. "Health education in De without a picture--an overview", pp. *yearbook of education 1989* edited by Balding and D. Harris. London: Kogan

Outline overview of health promotion 1960s.

381. Petersen, P.E. "Evaluation of a denta gram for Danish chocolate workers". *and oral epidemiology*, vol. 17, No. 2 59.

Report of a study "to develop and eva dental program at two Danish chocolat undertaken within the setting of an o service in order to control oral occu

See also: 375.

20(k) Art; drama; music education

See: 372.

20(1) Pre-retirement education; programs for retired

182. Pilley, C. *"The EGV organization--mobilizing Denmark's older people"*, pp. 23-26 in *Adult education, community development and older people* by C. Pilley. London: Cassell Educational, 1990.

Outline of aims and work of the Care of Lonely Old People organization, providing older people with housing, services, consulting etc.

183. Pilley, C. "Older people in folk high schools in foreign countries", *pp. 19-20 in Adult education, community development and older people* by C. Pilley. London: Cassell Educational, 1990.

Outline of a program of educational visits abroad, involving combination of retired people and young unemployed adults.

184. Pilley, C. "Viborg study circle, Denmark", pp. 15-18 in *Adult education, community development and older people* by C. Pilley. London: Cassell Educational, 1990.

Outline of the study circle as an important social and educational centre for older people.

ESTONIA

(Since 1991)

No materials located for 1991.

FINLAND

2(a) General overviews; collections of writings; yearbooks

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Translation of a comprehensive study of all aspects of adult education; first published in 1984.

386. Niemi, J. "Finland's unique system of adult education", *Adult learning (USA)*, Vol. 1, No. 8, (1990), pp. 8-11.

Overview of definition of adult education, policy, provision, relation of vocational and liberal in Finland, with a view to present a model for other countries to follow.

3(b) History of adult education

387. Hellevuo, K. "The Finnish model of technology transfer", *Technovation: the international journal of technical change*, Vol. 10, No. 6, (1990), pp. 435-447.

Analysis of technology transfer to Finland in the 19th century.

See also: 416; 447.

3(c) Comparative studies

388. Drobnic, S.; Hartmann, J.; Rus, V.; Velanen, M.V. "The transition from school to work and the employment system: A comparison of experiences in Czechoslovakia, Finland, Sweden and Yugoslavia", pp. 124-151 in *Youth, education and work in Europe* edited by W. Adamski and P. Grootings. London: Routledge, 1989.

Comparative analysis of problems of transition from school to work, based on analysis and evaluation of qualitative differences among the four countries.

See also: 386.

3(a) State and adult education; legislation

389. Alanen, A. "The consequences of adult education legislation--the case study of the Finnish study centres", *Adult education in Finland*, Vol. 26, No. 4, (1989), pp. 2-15.

Analysis of "how has the implemented curriculum of educational organisations changed during...1976-1981 following the coming into force of the law...; what is the relationship of the actual curriculum to the normative task conception, and what has been the effect of the government assistance reformation on the changed curriculum".

390. Lehtisalo, L. "Recent developments in Finnish educational policy". *Adult education in Finland*, vol. 28, No. 1, (1991), pp. 33-37.

Outline of recent educational policy developments in Finland, among other towards emphasis on continuing education.

391. Pakaste, M. "Municipal units for the planning of adult education--bureaucracy or public service?". *Life and education in Finland*, vol. 28, No. 2, (1991), pp. 64-65.

392. Yrjölä, P. "The state and adult education in Finland", pp. 351-356 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Outline of the planning process of adult education instituted in the 1970s, and of current situation.

See also: 437.

3(b) Financing of adult education

393. Marjomäki, V. "Towards market financed education". *Adult education in Finland*, vol. 27, No. 2, (1990), pp. 35-38.

Examination of the ongoing shift from publicly financed adult education to increasing impact of market economy in this sector of social service.

394. Raivio, M. "Mature students and financial aid in Finland". *Life and education in Finland*, No. 2, (1991), pp. 61-63.

Outline of the financial assistance scheme introduced as an experiment in 1987 and made permanent in 1991.

See also: 389, 390, 392, 437, 438, 439, 449.

4(b) State-wide adult education systems and organizations

395. Toiviainen, T. "The Association of Finnish Adult Education Organisations--Twenty years of cooperation in the field of liberal adult education in Finland". *Adult education in Finland*, vol. 26, No. 3, (1989), pp. 32-38.

Account of aims, role and accomplishments of the Finnish umbrella organization, established in 1969.

4(c) Regional adult education systems and organizations

See: 426.

4(d) Local level adult education institutions and organizations

396. Lackman, M. "Transformation of the urban Adult Education Centre". *Adult education in Finland*, vol. 26, No. 2, (1989), pp. 19-24.

Subtitle: Transition from a Workers' Institute to an Adult Education Centre for everyone. Oulu Workers'Institute.

397. Salkola, M-L. "Adult education centres as part of the dream of life". *Adult education in Finland*, vol. 26, No. 2, (1989), pp. 14-18.

Account of the important adult education work in the rural community of Heinävesi in South-eastern Finland.

398. Siltanen, P. "Development of adult education in Tampere". *Adult education in Finland*, vol. 26, No. 2, (1989), pp. 5-11.

Analysis of the evolution and current situation and aims of comprehensive provision of adult education in the industrial provincial town.

399. Suonio, K. "Adult education as a community service". *Adult education in Finland*, vol. 26, No. 2, (1989), pp. 2-4.

Outline of the comprehensive provision of adult education by the municipalities.

See also: 391, 416, 423, 441, 449.

5(a) Adult educators; staffing; training

400. Yrjölä, P. "The training of adult educators in Finland" pp. 163-172 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Overview analysis of the situation of adult educators and provision for their pre-service and in-service training, set against a brief outline of adult education in Finland.

See also: 444.

6(a) Theory of adult education

401. Gronholm, C. "Changing life styles--a new educational challenge". *Adult education in Finland*, vol. 27, No. 2, (1990), pp. 10-13.

Thinkpiece on the integral and two-directional relationship between lifestyles and education.

402. Kivinen, O. and Rinne, R. "On the accumulation and polarization of adult education". *Adult education in Finland*, vol. 26, No. 4, (1989), pp. 16-24.

Definition of adult education, from a sociological perspective, as connected to the education and labour markets.

403. Salmenperä, M. "The working life and learning". *Adult education in Finland*, vol. 27, No. 2, (1990), pp. 25-28.

Examination of balance between work routines and new learning, and the need for unstructured training.

404. Saukkonen, S. "Continuing education and the myth of progress". *Life and education in Finland*, No. 2, (1991), pp. 9-10.

Brief thinkpiece on the demand for continuing education as "one manifestation of the myth of modern progress".

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Examination of the role of adult education in creating values as well as passing them on and implementing them.

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Personal reflections on the nature and role of adult education.

See also: 410, 429, 438.

6(b) Research in adult education

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409. Varila, J. "Explaining the intensity of experienced educational need as a goal of research". *Adult education in Finland*, vol. 26, No. 4, (1989), pp. 25-29.

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"The article describes a socio-cognitive theory of orientation and its application to the learning of mathematics and research findings among upper secondary school evening class students."

See also: 421, 428, 458.

7(a) Folk high schools; residential adult education

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Account of (1) the folk high schools as a cultural force, (2) folk high schools at the service of popular movements, (3) relationship between the folk high schools and the state, and (4) the student structure at folk high schools.

412. Marjomäki, V. "Folk high schools and their cultural mission". *Life and education in Finland*, No. 2, (1991), pp. 18-20.

Brief account of present and future role of the residential folk high schools in the cultural domain.

413. Yrjölä, P. "Finnish folk high schools today and tomorrow". *Adult education in Finland*, vol. 26, No. 3, (1989), pp. 9-13.

Analysis of current situation of the folk high schools within the comprehensive adult education system, and of future constrains affecting them.

8(a) University extension; universities and adult education

414. Jakku-Sihvonen, R. "The present state of further training in the universities". *Adult education in Finland*, vol. 26, No. 1, (1989), pp. 20-23.

Outline of rationale for and need of professional continuing education, its long tradition and current organization.

See also: 432, 457.

8(b) Night schools; evening institutes; adult education centres

415. Jokinen, J. "Adult education centres: Focus on qualitative development". *Life and education in Finland*, No. 2 (1991), pp. 15-17.

Brief account of the role and work of the adult education centres.

416. Huuhka, K. "Nine decades of education". *Adult education in Finland*, vol. 26, No. 2, (1989), pp. 11-14.

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9(b) Voluntary associations; societies; clubs

See also: 389, 395, 396, 397, 447.

9(c) Study circles; discussion groups

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10(a) Correspondence study; distance education; open learning

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419. Karo, J. "Teaching educational sciences as distance education--an Open University experiment". *Life and education in Finland*, No. 2, (1991), pp. 49-51.

Account of the experimental project of the Jyväskylä University (KAKOMO) that "aims at improving the quality of teaching".

See also: 420, 421, 422.

11(a) Educational radio and television; educational technology

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"Deals with the application of multi-form teaching in Lapland in data processing studies. The central issue in the experiment was to find out how well this type of a course lends itself to be carried out alongside a person's regular job."

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11(b) Press; publishing

See: 428.

12(a) Libraries

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424. Äyräs, A. "Public libraries in Finland: The current situation". *Scandinavian public library quarterly*, vol. 24, No. 4, (1991), pp. 4-8.

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427. Rajamo, M. "Public libraries and adult education". *Scandinavian public library quarterly*, vol. 24, No. 2, (1991), pp. 21-23.

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428. Vakkari, P. "The role of the public library in the Finnish book culture". *Scandinavian public library quarterly*, vol. 22, No. 2, (1989), pp. 24-31.

Examination of the role of the public library in the production, distribution and reading of books.

See also: 430, 444, 455.

15(a) Literacy; adult basic education

429. Linnakylä, P. "What is meant by literacy?". *Life and education in Finland*, No. 1, (1990), pp. 40-44.

430. Teinilä, L. "Does the library define literacy?". *Scandinavian public library quarterly*, vol. 24, No. 1, (1991), pp. 4-6.

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15(b) Secondary education

See: 410.

15(c) Post-secondary education; higher education

431. Kivinen, O. and Rinne, R. "Mapping the field of stratification in higher education: The Finnish experience". *Higher education*, vol. 21, No. 4, (1991), pp. 521-549.

"This article examines both the changing tasks of the university, and the fact, despite the egalitarianism of official `democratic' higher education policy, of stratification."

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Brief discussion of the role of universities in providing adult education opportunities.

See also: 414, 419.

16(a) Vocational and technical education; apprenticeship

433. Pohjonen, P. Vocational adult education centres: Accountability by results, but no profits". *Life and education in Finland*, No. 2, (1991), pp. 42-43.

Outline of current Finnish approach to adult vocational education and training.

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436. Salminen, L. "Vocational adult education in Finland". *Life and education in Finland*, No. 2, (1991), pp. 37-41.

Account of the development of vocational adult education since guidelines were laid down by the Council of State in 1978.

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Overview of the evolution which started in the 1970s and received special impetus after the 1987 vocational training legislation.

16(b) Training in business, industry and government

438. Jyrkänne, J-P. "The trade union movement and personnel training". *Adult education in Finland*, vol. 26, No. 1, (1989), pp. 14-19.

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Brief outline of rationale for and extent and forms of in-service training and professional development sponsored by the local government.

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443. Their, S. "Staff-development training: It's people that matter". *Life and education in Finland*, No. 2, (1991), pp. 44-45.

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See also: 403.

16(c) Professional continuing education; in-service training

444. Mäkinen, R. "Continuing education for knowledge and courage". *Scandinavian public library quarterly*, vol. 22, No. 4, (1989), pp. 14-19.

Account of in-service training and professional development for librarians.

See also: 403, 407, 414, 439, 441, 442.

16(d) Retraining; upgrading

See: 437, 438, 439, 445.

18(a) Education of women

445. Hänninen-Salmelin, E. "International Management Institute for Women". *Adult education in Finland*, vol. 26, No. 1, (1989), pp. 35-36.

"The basic concept behind the activity of the Institute is the development of a management culture in business, government and organisational and entrepreneurial activity by promoting primarily opportunities for women to use and develop their skills and experience in a purposeful manner."

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Examination of educational needs of women, their participation in adult education, and the need for expansion of adult education opportunities for women.

19(a) Workers' education; union education; paid educational leave

447. Pikkusaari, J. "The role of the Workers' Educational Association in the education of the workers' movement in Finland". *Adult education in Finland*, vol. 26, No. 3, pp. 15-19.

Analysis of the aims, role, organization and development of the Finnish WEA since its founding in 1919 to the present.

20(a) General education; humanities; liberal arts

448. Toiviainen, T. "Liberal adult education in Finland". *Life and education in Finland*, No. 2, (1991), pp. 11-14.

Discussion of differences between general and vocational adult education and their underlying values.

20(c) Science education; environmental education

See: 410.

20(d) Civic education: political training

449. Ylinen, S. "Some experiences concerning the possibilities of international education in adult education". *Adult education in Finland*, vol. 26, No. 3, (1989), pp. 25-31.

Assessment of the practicability of motivation, action, illustrativeness and evaluation as principles of international education sponsored by the Finnish WEA.

20(g) Health education

450. Heikkila, M. "Adult Braile instruction in Finland". *Journal of visual impairment and blindness*, vol. 84, No. 6, (1990), pp. 274-275.

451. Ojamo, M. et al. "The rehabilitation of visually impaired persons in Finland". *Journal of visual impairment and blindness*, vol. 84, No. 6, (1990), pp. 294-295.

452. Telivno, M.; Vehkalahti, M.; Lahtinen, A.; Murtomaa, H. "Finnish dentists as tobacco counsellors". *Community dentistry and oral epidemiology*, vol. 19, No. 4, (1991), pp. 221-224.

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Overview of development from health education to health promotion during the past decade.

20(k) Art; drama; music education

454. Tuomikoski, P. "Basic art education provides a firm foundation". *Adult education in Finland*, vol. 27, No. 2, (1990), pp. 4-9.

Deals primarily with basic art education provided to children and youth by adult education institutions.

20(l) Pre-retirement education; programs for retired

455. Parkkinen, M-L. "The importance of reading for elderly people". *Scandinavian public library quarterly*, vol. 23 No. 2, (1990), pp. 16-20.

Story of a librarian in a nursing home for chronically ill old people.

456. Ruth, J-A.; Sihvola, T.; Parviainen, T. "Educational gerontology: Philosophical and psychological issues". *Educational gerontology*, vol. 15, No. 3, (1989), pp. 231-244.

"In this article the point of view is that of educational gerontology. We are especially interested in how old people study and what their learning abilities are. Didactic questions are also considered with reference to gerogogy".

457. Tikka, M. "Focus on older students--third age universities". *Life and education in Finland*, No. 2, (1991), pp. 55-58.

Description of the Finnish variation of senior citizens' university continuing education.

458. Tikkanen, T. "Education in later life". *Adult education in Finland*, vol. 27, No. 2, (1990), pp. 29-34.

Overview of educational services for elderly, vocational and general education for older workers, and Finnish research in educational gerontology.

20(m) Immigrant, ethnic minority, multicultural education

See: 420.

FRANCE

2(b) History of adult education

459. Cross. G. "Vacations for all: The leisure question in the era of the Popular Front". *Journal of contemporary history*, vol. 24, No. 4, (1989), pp. 599-621.

Analysis of the holiday movement of the French Popular Front in the 1930s.

460. Fourlough, E. *Consumer cooperation in France: The politics of consumption, 1834-1930*. Ithaca: Cornell University Press, 1991. 311 p.

Contains references to educational activities such as the popular universities, festivals and other leisure activities.

461. Goodman, D. "Governing the Republic of Letters: The politics of culture in the French enlightenment". *History of European ideas*, vol. 13, No. 3,(1991), pp. 183-199.

Analysis of the intellectual community in the seventeenth century and the era of the Parisian salons.

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Historical account of provincial distribution of Parisian publications in Bordeaux in the early years of the Revolution, analysing the content of the publications and the clients.

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Historical account of the extent and uses of literacy.

See also: 464, 487.

2(c) Comparative studies

See: 481, 482.

3(a) State and adult education; legislation

464. Poujol, G. "The creation of a Ministry of Culture in France". *French cultural studies*, vol. 2-Part 3, No. 6, pp. 251-260.

Account of the establishment of the first Ministry of Culture in the world in 1959.

See also: 461, 478.

3(b) Financing of adult education

465. European Centre for the Development of Vocational Training. *The financing of continuing vocational training in France*. Berlin: CEDEFOP, 1991. 55 p.

See also: 478.

4(d) Local level adult education institutions and organizations

See: 485.

5(a) Adult educators; staffing; training

466. Freynet, P. "The training of adult educators in France" pp. 77-89 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Overview analysis of the situation of adult educators and their pre-service and in-service training, set against a brief outline of the concept and practice of adult education in France.

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Overview of characteristics of the French training provision and of some of the problems encountered, and exploration of new ideas for training.

See also: 480.

6(a) Theory of adult education

See: 483.

6(b) Research in adult education

See: 483.

9(b) Voluntary associations; societies; clubs

468. Lengrand, P. "France: People and Culture (*Peuple et Culture*)", pp. 135-148 in *Landmarks in international adult education* edited by A.N. Charters and R.J. Hilton. London: Routledge, 1989.

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10(a) Correspondence study; distance education; open learning

469. Glikman, V. "Television and distance education for the poorly educated". *Educational media international*, vol. 26, No. 1, (1990), pp. 191-195.

Analysis of the uses of television in adult basic education, potential audiences, past attempts and current situation in France.

470. Goasguen, C. "Media and distance teaching at the Centre National d'Enseigment à Distance (CNED)". *Educational media international*, vol. 26, No. 4, (1990), pp. 237-242.

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471. Lefranc, R. "The use of sound cassettes in the French system of higher education at a distance". *Educational media international*, vol. 26, No. 4, (1990), pp. 220-224.

Account of the use of sound cassettes as one of the basic tools of distance higher education, pioneered and still in use by the French universities.

472. Rennard, M. and Weygand, F. *Distance learning for heads of firms and managerial staff in the small business sector*. Berlin: CEDEFOP, 1989. 144 p.

11(a) Educational radio and television; educational technology

473. Bradley, P. "French Free Radio". *French cultural studies*, vol. 2-Part 1, No. 4, (1991), pp. 35-50.

Analysis of the development of local radio stations challenging the state broadcasting monopoly from 1977 on.

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Report of experimental work, based on the Télétel videotex system, which was carried out in the Vélizy-Versailles region in 1982-84 by the Institut National de Recherche Pédagogique.

475. Maury, J-P. and Leclerq, D. "Strategy and perspectives for Videotex in France". *Educational media international*, vol. 26, No. 1, (189), pp. 13-18.

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the potential development and possible usage of these systems for education and training."

476. Melot, M. "Culture and information technology in France". *French cultural studies*, vol. 1-Part 3, No. 3, (1990), pp. 173-182.

Account of the significant cultural databases and innovative information technologies developed in France for public use.

See also: 469, 470, 471.

11(b) Press; publishing

See: 462.

12(a) Libraries

See: 467.

14(a) Community development

See: 473.

15(a) Literacy; adult basic education

See: 463, 469, 471, 485.

16(a) Vocational and technical education; apprenticeship

477. Betbeder, M-C. "A new track for some updated vocational training courses". *Western European education*, vol. 21, No. 4, (1989-90), pp. 6-12.

Examination of effects of the 19987 reform designed to transform apprenticeship to a genuine vocational training option.

478. Jenkins, A. "Training and HR strategy in France: Discourse and reality". *Employee relations*, vol. 13, No. 6, (1991), pp. 22-31.

Broad examination of the legal context and organization and finance of vocational training at all levels.

479. Koch, R. *Vocational education in France--structural problems and present efforts towards reform*. Berlin: CEDEFOP, 1989. 103 p.

See also: 465.

16(b) Training in business, industry and government

480. Brochier, D.; de Oliveira, A.; Piettre, F. *Continuing training in firms and trainer development*. Berlin: CEDEFOP, 1991. 70 p.

481. Drexel, I. and Fischer, J. *The enterprise and its role in the production of qualifications: Constitution and development of medium-level qualifications in Germany and France--a comparison*. Berlin: CEDEFOP, 1991. 45 p.

482. Sweet, R. "The institutional context of industry training, with particular reference to the French experience". *Australian bulletin of labour*, vol. 15, No. 4, (1989), pp. 326-342.

See also: 465, 472.

16(c) Professional continuing education; in-service training

483. Best, F. and Vial, M. "In-service training of teachers: French research", pp. 97-103 in *The effectiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

Outline assessment t of current research situation and of future needs.

See also: 465.

16(d) Retraining; upgrading

484. Gaullier, X. and Thomas, Ch. *Modernization and age management in France: French older workers and employment*. Tampa, Florida: International Exchange Center on Gerontology, 1991. 51 p.

See also: 465, 485.

18(a) Education of women

485. Marbois, C. and del Rio, M. "Training for women with low education level from la Goutte d'Or, Paris", pp. 251-270 in *Grassroots education for women in Europe* Amersfoort: European Bureau of Adult Education, 1991.

20(c) Science education; environmental education

486. Giolitto, P. and Souchon, C. "Environmental education in France: Assessment and outlook". *European journal of education*, vol. 26, No. 4, (1991), pp. 307-313.

Contains passing references to environmental education for adults.

20(d) Civic education; political training

487. Josephs, H. "Opera during the Revolution: Lyric drama in a political theater". *French review*, vol. 62, No. 6, (1989), pp. 975-984.

Historical analysis of the use of opera for political propaganda.

See also: 473.

20(f) Consumer education; cooperative education

See: 460.

20(h) Physical education; sports; recreation

See: 459.

GERMANY (1)

(Pre-1945)

2(b) History of adult education

488. Röhrig, P. "The relation between workers' education and the state in Germany", pp. 329-338 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Historical overview of the relationship from the mid-nineteenth century to the 1920s.

489. Rolf, D. "The education of British prisoners of war in German captivity, 1939-1945". *History of education*, vol. 18, No. 3, (1989), pp. 257-265.

Account of "the extraordinary efforts made [by the POWs] to provide some form of education within the camps".

2(d) Biographies

490. Friedenthal-Haase, M. "Martin Buber's and Ernst Simon's concepts of adult education in crisis situations", pp. 34-53 in *Adult education in crisis situations* edited by F. Pöggeler and K. Yaron. Jerusalem: The Magnes Press, The Hebrew University, 1991.

Study of the educational work of Buber and Simon during the Nazi period.

3(a) State and adult education; legislation

See: 488, 492.

4(a) International organizations; international cooperation

491. Marriott, S. "Germany and the World Association for Adult Education (1919-1946): An English perspective", pp. 241-252 in *Erwachsenenbildung im Kontext* edited by M. Friedenthal-Haase, J. Reischmann, H. Tietgens and N. Vogel. Bad Heilbrunn: Klinkhardt, 1991.

Analysis of the relationship and contribution of German adult education and adult educators to the World Association.

6(a) Theory of adult education

492. Friedenthal-Haase, M. "Adult education in political limit situations (war, exile, radical change): Historical and systematic aspects", pp. 56-72 in *The state and*

adult education edited by F. Pöggeler. New York: Peter Lang, 1990.

Analysis of politically determined limit situations, using recent history of adult education in Germany as a case study.

See also: 490.

10(a) Correspondence study; distance education; open learning

See: 495.

19(a) Workers' education; union education; paid educational leave

493. Guttsman, W.L. *Workers' culture in Weimar Germany: Between tradition and commitment*. New York: Berg, 1990. 332 p.

Exploration of the creation and diffusion of cultural activities and leisure time pursuits, including adult education, organized by the labour movement.

494. von Saldern, A. "The workers' movement and cultural patterns on union housing estates and in rural settlements in Germany and Austria during the 1920s". *Social history*, vol. 15, No. 3, (1990), pp. 333-354.

See also: 488.

20(d) Civic education; political training

495. Bytwerk, R.L. and Diehl, G.E. "Public speaking via correspondence in the Third Reich". *The American journal of distance education*, vol. 3, No. 1, (1989), pp. 30-37.

Account of the major Nazi effort in the twenties and early thirties to produce trained public speakers for Nazi propaganda.

GERMANY (2)

(German Democratic Republic)

2(a) General overviews; collections of writings; yearbooks

496. Möhle, H. "Adult education policy and research into adult education in the German Democratic Republic past and present", pp. 37-59 in *International yearbook of adult education* edited by J.H. Knoll. Köln: Böhlau, 1989.

Overview of East German adult education practice and research, based on socialist ideology of personality and its influence on the working world and on application of psychological principles.

2(b) History of adult education

497. Pike. D. "Cultural politics in Soviet-occupied Germany 1945-46". *Journal of contemporary history*, vol. 24, No. 1, (1989), pp. 91-123.

Analysis of the communist indoctrination in the sphere of culture.

See also: 498, 501.

3(a) State and adult education; legislation

498. Möhle, H. "Historical and contemporary aspects of the relationship between the state and the field of adult education in the German Democratic Republic", pp. 339-350 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Account of state influence, particularly in university extension, popularization of science, and university part-time study through distance education.

See also: 496, 497.

6(a) Theory of adult education

See: 496, 499, 500.

6(b) Research in adult education

See: 496, 500.

8(a) University extension; universities and adult education

See: 498.

8(c) Volkshochschulen; people's and workers' universities

See: 498.

10(a) Correspondence study; distance education; open learning

499. Möhle, H. and Stein, R. "The revolutionary renewal of society in the German democratic republic and its consequences for higher-level distance education". *Distance education: An international journal*, vol. 11, No. 2, (1990), pp. 254-265.

Analysis of the situation, required changes and future potential of distance education in Eastern Germany at the threshold of German unification.

See also: 498.

15(c) Post-secondary education; higher education

See: 498.

16(c) Professional continuing education; in-service training

500. Stolz, H. "Research into the further education of teachers in the German Democratic Republic",pp. 81-96 in *The effectiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

Overview of research into professional development of teachers as a tool for effective planning, organization and decision-making by educational authorities.

19(a) Workers' education; union education; paid educational leave

501. Nabrotzky, R.H.D. "East German views on Heinrich Heine's program for the emancipation of the working class". *East European quarterly*, vol. 24, No. 4, (1991), pp. 445-456.

Polemical analysis of the subject.

20(d) Civic education; political training

502. Möhle, H. "The revolutionary renewal of society in the German Democratic Republic and its consequences for adult education", pp. 108-118 in *Adult education in crisis situations* edited by F. Pöggeler and K. Yaron. Jerusalem: The Magnes Press, The Hebrew University, 1991.

Thoughts on social renewal and education in East Germany immediately before its unification with West Germany.

See also: 497.

GERMANY (3)

(Federal Republic of Germany 1945-1990)

2(a) General overviews; collections of writings; yearbooks

503. Alheit, P. and Francis, H. (eds.) *Adult education in changing industrial regions*. Marburg, Germany: Verlag Arbeiterbewegung und Gesellschaftswissenschaft, 1989. 133 p.

Collection of papers on the theme, resulting from co-operation between the University of Bremen and the University College of Swansea (Wales), most of these presented at a conference in Bremen in February 1989; applicable papers listed under appropriate headings here.

504. Künzel, K. "Adult education in the Federal Republic of Germany: Historical and contemporary notes on provision politics and research", pp. 15-36 in *International yearbook of adult education 1989* edited by J.H. Knoll. Köln: Böhlau, 1989.

Overview of development of policy and practice of adult education since 1945 and assessment of the status of adult education research.

2(b) History of adult education

505. Willett, R. *The Americanization of Germany, 1945-1949*. London: Routledge, 1989. 151 p.

Appraisal of US impact on German culture and society, including a chapter on re-education.

See also: 504, 523, 569, 572, 573.

2(c) Comparative studies

506. Knoll, J.H. "Qualitative and quantitative approaches in comparative adult education", pp. 91-108 in *Comparative research in adult education* edited by M. Lichtner. Frascati: CEDE, 1989.

Analysis of research methodology and proposal for a common basis for international progress in comparative study.

507. Künzel, K. "The state and adult education in England and West Germany: Comparative notes on a precarious relationship", pp. 304-328 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Comparative look at "the genesis and character of state involvement in the field of adult education in England and West Germany".

508. Rose, R. "Prospective evaluation through comparative analysis: Youth training in a time-space perspective", pp. 68-92 in *International comparisons of vocational education and training for intermediate skills* edited by P. Ryan. London: Falmer Press, 1991.

"The importance of considering time as well as place is emphasised...in comparing the qualifications of the British and German labour forces now and, prospectively, in the year 2000."

See also: 522, 553, 555, 558, 559, 560, 578.

3(a) State and adult education; legislation

509. Knoll, J.H. "Adult education and legislation", pp. 295-303 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Analysis of the nature of the relationship between state and non-governmental initiatives, outline of current legislative situation, and suggestions for future improvements.

510. Schlutz, E. "Controversies in education policy and the tasks of science". *Western European education*, vol. 21, No. 3, (1989), pp. 6-18.

Examination of the changing relationship between adult education research and educational policy development.

See also: 504, 507, 537, 555.

4(a) International organizations; international cooperation

511. Dohmen, G. "New challenges to adult education in West Germany". *Adult learning* (USA), vol. 1, No. 6, (1990), p. 28.

Brief overview of the challenge of assistance to East German colleagues.

512. Deutscher Volkshochul Verband. "The German Adult Education Association and international co-operation". *Adult education and development*, No. 33, (1989), pp. 237-250.

Translation of the new guidelines for international work of the DVV, adopted in June 1989.

513. Elsdon, K. "Considerations and suggestions on co-operation between German and English adult education". *Adult education and development*, No. 34, (1990), pp. 89-112.

"This report is about the potential benefits, the practical possibilities, and the content of co-operation between the adult education systems of the two countries."

4(b) State-wide adult education systems and organizations

See: 512.

4(d) Local level adult education institutions and organizations

See: 529, 530, 566.

5(a) Adult educators; staffing; training

514. European Centre for the Development of Vocational Training. *In-firm trainers of young people in the framework of the dual vocational training system of the Federal Republic of Germany*. Berlin: CEDEFOP, 1989. 91 p.

515. Fuchs-Brünninghoff, E. "What can supervision offer adult education?--A form of training with varying applicability", pp. 34-40 in *Counselling* edited by E. Fuchs-Brünninghoff and M. Pfirrmann. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991.

Analysis of the question of "how far supervision or certain forms of supervision are suitable as instruments of training in adult education".

516. Laux, W. "Aspects of education and training for library and information professionals in the Federal Republic of Germany". *Libri*, vol. 40, No. 2 (1990), pp. 101-111.

Insights into selected aspects of current training provision.

517. Pfirrmann, M. "Modalities for the practical preparation and carrying out of supervision", pp. 46-48 in *Counselling* edited by E. Fuchs-Brünninghoff and M. Pfirrmann. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991.

Outline of the steps in preparation and application of staff supervision in adult education.

518. Pfirrmann, M. "Supervision from the perspective of the tutor as supervisee", pp. 41-45 in *Counselling* edited by E. Fuchs-Brünninghoff and M. Pfirrmann. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991.

Brief analysis of the pitfalls and benefits of supervision.

519. Weinberg, J. "Training in the Federal Republic of Germany", pp. 129-139 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Overview analysis of the rationale for training adult educators, pre-service training and research-based short courses, set against a brief outline of adult education in West Germany.

See also: 541, 545, 561.

6(a) Theory of adult education

520. Alheit, P. "Opportunities and risks of a new political culture: Not intended learning processes in changing industrial societies", pp. 39-50 in *Adult education in changing industrial regions* edited by P. Alheit and H. Francis. Marburg, Germany: Verlag Arbeiterbewegung und Gesellschaftswissenschaft, 1989.

Analysis of the new `political culture' in Western societies, illustrated by the case study of West Germany, and its impact on adult learning.

521. Fuchs-Brünninghoff, E. "Learning counselling", pp. 9-10 in *Counselling* edited by E. Fuchs-Brünninghoff and M. Pfirrmann. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991.

Outline of the relationship between learning problems and learning counselling, and of aims of and limits to learning counselling.

522. Knoll, J.H. "The situation of migrant workers and the contribution of adult education to conflict resolution", pp. 168-179 in *Adult education in crisis situations* edited by F. Pöggeler and K. Yarman. Jerusalem: The Magnus Press, The Hebrew University, 1991.

Analysis of the situation of migrant workers in West Germany, "stressing the political contribution of adult education to conflict resolution in multicultural societies".

523. Zdarzil, H. "On the understanding of politics and adult education since 1945", pp. 84-92 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Analysis of "the concept of state and society as they have become effective in the contemporary German theory of adult education since 1945".

See also: 504, 506, 533, 545.

6(b) Research in adult education

524. Dittmann-Kohli, F.; Lachman, M.E.; Kliegl, R.; Baltes, P.B. "Effects of cognitive training and testing on intellectual efficacy beliefs in elderly adults". *Journals of gerontology*, vol. 46, No.4, (1991), pp. 126-164.

Study "to examine whether elderly adults would change their self-efficacy beliefs and perceived utility for

intellectual tasks as a function of cognitive training or testing experiences involving tests of intelligence".

525. Heckhausen, J. and Baltes, P.B. "Perceived controllability of expected psychological change across adulthood and old age". *Journals of gerontology*, vol. 46, No. 4, (1991), pp. 165-173.

"This cross-sectional study focuses on adults' beliefs about the controllability of developmental change in adulthood and old age."

See also: 504, 506, 510, 532, 533, 538, 576.

8(a) University extension; universities and adult education

526. Heckelmann, D. "An opening to society: Chances and prospects of science, research and services". *Western European education*, vol. 21, No. 1, (1989), pp. 65-68.

Brief outline of the development of the Free University of Berlin, including a section on continuing education.

See also: 549, 576.

8(c) Volkshochschulen; people's and workers' universities

527. Dohmen, G. "Federal Republic of Germany: People's College (Volkshochschule)", pp. 149-161 in *Landmarks in international adult education* edited by A.N. Charters and R.J. Hilton. London: Routledge, 1989.

Outline of the establishment of the *Volkshochschulen* as a response to the educational needs in post-war Germany and of their current situation and mission.

528. Meisel, K. "Vocationally oriented adult education in Volkshochschulen (Adult Education Institutes) in the Federal Republic of Germany--against the background of processes of change in society". *Adult education and development*, No. 34, (1990), pp. 113-126.

"Experiences of the German Volkshochschulen [in vocationally-oriented adult education] are presented here not for immediate and mechanical transfer, but for reflection and possible adoption to other cultural and economic contacts."

See also: 546.

9(a) Town and village cultural centres; community schools

529. Krüger, A. "West Berlin: The youth and culture centre, Schlesische 27", pp. 98-110 in *Community education in the Western World* edited by C. Poster and A. Krüger. London: Routledge, 1990.

Description of the West German comprehensive holistic approach to community education, illustrated by the case study of the West Berlin centre.

9(b) Voluntary associations; societies; clubs

530. Eidson, J.R. "German club life as a local cultural system". *Comparative studies in society and history*, vol. 32, No. 2, (1990), pp. 357-382.

"Analysis of local club life, based on ethnographic and archival research in Boppard on the Rhine."

See also: 529.

9(c) Study circles; discussion groups

531. Budweg, P. and Schins, M-T. "Literacy through literature: A reading club with imprisoned youth and young adults". *Convergence*, vol. 24, No. 4, (1991), pp. 63-71.

Account of an experiment with literature as positive motivation for young adults with long-term sentences, who have little or no relation to writing or to a writing culture.

10(a) Correspondence study; distance education; open learning

532. Bartels, J. and Rathore, H.C.S. "The value of the distance teaching university degrees in the employment market: A study of the Fernuniversität graduates". *Distance education: An international journal*, vol. 10, No. 1, (1989), pp. 108-118.

Report of a questionnaire study carried out in 1985.

533. Baumeister, H.P.; Friedrick, F.H.; Mandl, H. "The work of the German Institute for Distance Education, Tübingen". *Research in distance education*, vol. 2, No. 4, (1990), pp. 16-19.

"The Institute concentrates on research studies and the development of experimental projects with model character."

534. Brand, H. "Media in educational information and educational counselling". *Bulletin, International Council for Distance Education*, vol. 24, (September, 1990), pp. 38-41.

Account of the development of media-based structure of information and counselling at the FernUniversität Hagen.

535. Kalnoky, B. "Open University runs courses behind bars in north Rhein-Westphalia". *Western European education*, vol. 21, No. 4, (1989-90), pp. 100-103.

Outline account of a pilot project run by the Fern-Universität Hagen to study by correspondence courses.

536. Kammerer, G. and Stockdreher, P. *Supply and demand in the field of distance education for senior and middle management in small and medium-sized firms and craft enterprises in the Federal Republic of Germany*. Berlin CEDEFOP, 1989. 176 p.

537. Vennemann, M. "Legislation in Europe--the German experience". *Epistolodidaktika: The European journal of distance education*, No. 2, (1991), pp. 29-32.

Brief account of German legislation on correspondence education, passed in 1977 (the Correspondence Course Protection Law).

538. von Prümmer, C. "Study motivation of distance students". *Research in distance education*, vol. 2, No. 2, (1990), pp. 2-6.

"A report on some results from a survey done at the FernUniversität [Hagen] in 1987-88."

See also: 540.

11(a) Educational radio and television; educational technology

539. Götz, K. "Interactive learning with computer". *Educational and training technology international*, vol. 28, No. 1, (1991), pp. 7-14.

Reassessment of interactive learning with computers as one of many possibilities to optimize human learning.

540. Laaser, W. "Interactive courseware for student's home computers". *Bulletin. International Council for Distance education*, vol. 26, (May, 1991), pp.30-36.

Discussion of organizational and technical questions of program development of interactive computer courseware.

See also: 533, 534.

12(a) Libraries

See: 516.

15(a) Literacy; adult basic education

541. Fuchs-Brünninghoff, E. "Background-related tutor training for counselling work in the field of literacy", pp. 20-26 in *Counselling* edited by E. Fuchs-Brünninghoff and M. Pfirrmann. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991.

Analysis of the need for training literacy tutors in counselling techniques, their perception of such need, and of a training program.

542. Fuchs-Brünninghoff, E. "Counselling--a step towards changing the self-image of students", pp. 6-8 in *Counselling* edited by E. Fuchs-Brünninghoff and M. Pfirrmann. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991.

Account of the important role of counselling adult basic education programs.

543. Fuchs-Brünninghoff, E. "Counselling--on the difficulties involved in putting feelings, impressions, and images into words", pp. 11-14 in *Counselling* edited by E. Fuchs-Brünninghoff and M. Pfirrmann. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991.

Account of ways and means of helping adult participants in literacy classes learn "to put experiences, images, and feelings into words...through counselling services".

544. Fuchs-Brünninghoff, E. "Counselling sessions as a method and tool for assessing learning progress", pp. 15-19 in *Counselling* edited by E. Fuchs-Brünninghoff and M. Pfirrmann. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991.

Paper on the interrelatedness of counselling and assessment of learning progress and on the question of what constitutes progress in the context of learning.

545. Fuchs-Brünninghoff, E. "Self-awareness as a prerequisite for responsible padagogical action", pp. 27-29 in *Counselling* edited by . Fuchs-Brünninghoff and M. Pfirrmann. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991.

Paper on "concepts for counselling and staff training developed in literacy work and basic education".

546. Fuchs-Brünninghoff, E. and Kreft, W. "Literacy and elementary education in the federal Republic of Germany--development--state of the art--perspectives". *Adult education and development*, No. 33, (1989), pp. 189-199.

Report on literacy and adult basic education work of the *Volkshochschulen*.

547. Fuchs-Brünninghoff, E. and Pfirrmann, M. (eds.) *Counselling*. Frankfurt/M: Pädagogische Arbeitsstelle/DVV, 1991. 48 p.

English translation of original German articles on counselling, published in a variety of sources; individual articles listed above.

15(c) Post-secondary education; higher education

548. Peisert, H. and Framhein, G. *Higher education in the Federal Republic of Germany*. Bonn: Federal Ministry of Education and Science; Bucharest, CEPES, 1990. 105 p.

This overview of higher education contains some references to adults in the higher education system, and adult education activities of the universities.

549. Pfundtner, R. "Studying while working: A new way towards academic further education in universities in the Federal Republic of Germany". *International journal of lifelong education*, vol. 9, No. 1, (1990), pp. 15-29.

Based on results of an extensive research project at the FernUniversität Hagen, the paper "presents possibilities for studying while working within the general context of developments in the FRG further education system, especially in the university area".

See also: 535, 570, 576.

16(a) Vocational and technical education; apprenticeship

550. Bednarz-Braunn, I.; Grünewald, U.; Schäfer, H. "Vocational training in the Federal Republic of Germany". *Western European education*, vol. 21, No. 4, (1989-90), pp. 13-30.

Analysis of the West German vocational training provision and its effectiveness.

551. Brosi, W. *Vocational training: Investment for the future* (2nd edn.). Cologne: Carl Duisberg Gesellschaft e.V., 1991. 34 p.

Overview of the dual system of vocational training in the Federal Republic of Germany (before unification).

552. Cantor, L. "The Federal Republic of Germany: A commitment to vocational education and training", pp. 95-115 in *Vocational education and training in the developed world: A comparative study* by L. Cantor. London: Routledge, 1989.

The purpose of the book was to "provide a series of pictures of the provision of vocational education and training in Australia, West Germany, Japan and the U. K. [and] to draw some comparisons...which should be informative and thought-provoking".

553. Cantor, L. "Vocational education and training in the developed world". *The vocational aspect of education*, vol. 43, No. 115, (1991), pp. 173-182.

Comparative analysis of vocational education and training in the U.K., Japan and West Germany (the German dual system of apprenticeship).

554. "Further education in Germany" (theme issue). *Bildung und Wissenschaft/Education and science*, No. 11/12, (1991). 26 p.

555. Marsden, D. and Ryan, P. "Initial training, labour market structure and public policy: Intermediate skills

in British and German industry", pp. 251-285 in *International comparisons of vocational education and training for intermediate skills* edited by P. Ryan. London: Falmer Press, 1991.

"Post-war developments in training for intermediate industrial skills in Britain and Germany are compared with a view to elaborating the conditions for a successful system of workplace training...in Britain."

556. Münch, J. *Vocational training in the Federal Republic of Germany* (3rd edn.). Berlin: CEDEFOP, 1991. 229 p.

557. Nitschke, C.; Schumann, U.; Skoppek,M. *Occupational and qualification structures in the field of environmental protection in the metal and chemical industries--study on the Federal Republic of Germany*. Berlin: CEDEFOP, 1991. 57 p.

558. Prais, S.J.; Jarvis, U.; Wagner, K. "Productivity and vocational skills in Britain and Germany: Hotels", pp. 119-145 in *International comparisons of vocational education and training for intermediate skills* edited by P. Ryan. London: Falmer Press, 1991.

Report of a National Institute of Economic and Social Research in London team study of vocational training and productivity in the hotel sector in Britain and Germany.

See also: 508, 514, 528.

16(b) Training in business, industry and government

559. Campbell, A. and Warner, M. "Training strategies and microelectronics in the engineering industries of the UK and Germany", pp. 146-158 in *International comparisons of vocational education and training for intermediate skills* edited by P. Ryan. London: Falmer Press, 1991.

"This chapter is derived from an Anglo-German research project...focusing on the responses to microelectronics related changes in products by the personnel and training functions of companies in the engineering industries."

560. Drexel, I. and Fischer, J. *The enterprise and its role in the production of medium-level qualifications in Germany and France--a comparison*. Berlin: CEDEFOP, 1991. 45 p.

561. Rieleit, B. and Selke, R. *Continuing training in firms and trainer development in Germany*. Berlin: CEDEFOP, 1991. 60 p.

See also: 514, 536, 558, 563.

16(c) Professional continuing education; in-service training

562. Fest, W. "In-service teacher education in Berlin (West)", pp. 121-124 in *The effectiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

Outline of the organization of professional development for teachers in West Berlin.

See also: 568.

16(d) Retraining; upgrading

563. Straka, G.A. "Training older workers for and in the years after 2000". *Journal of educational gerontology*, vol. 5, No. 2, (1990), pp. 68-78.

Analysis of social and demographic situation and their impact on the employability of older workers and the necessary training adjustment.

564. Sutter, H. *Training older workers in the Federal Republic of Germany*. Geneva: International Labour Organisation, 1989. 17 p.

Report forming part of an ILO project examining the contemporary situation in member countries regarding training of older workers.

565. Thunemeyer, B. "Education as employment", pp. 62-65 in *Adult education in changing industrial regions* edited by P. Alheit and H. Francis. Marburg, Germany: Verlag Arbeiterbewegung und Gesellschaftswissenschaft, 1989.

Outline of proposals for an innovative approach to combining employment and education in dealing with structural unemployment in the Ruhr region.

See also: 566, 569.

18(a) Education of women

566. Oels, M. "New challenges to adult education with unemployed women, Berlin", pp. 244-250 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

567. Rabe-Kleberg, U. "'...better than to be jobless at home': Education in women's life course", pp. 128-132 in *Adult education in changing industrial regions* edited by P. Alheit and H. Francis. Marburg, Germany: Verlag Arbeiterbewegung und Gesellschaftswissenschaft, 1989.

Outline of the role of education of women in "shaping the life course beyond the traditional narrow bounds of female normal biography".

568. von Küchler, F. "Examples of professional training and retraining programmes for women in Germany", pp. 233-243 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

19(a) Workers' education; union education; paid educational leave

569. Alheit, P. "Adult education 2000: A future report", pp. 97-114. in *Adult education in changing industrial regions* edited by P. Alheit and H. Francis. Marburg, Germany: Verlag Arbeiterbewegung und Gesellschaftswissenschaft, 1989.

Case study of educational actions which developed from the occupation of the workers of the AG Weser shipyard in Bremen in 1983.

570. Bron-Wojciechowska, A. "The Federal Republic of Germany", pp. 172-213 in *Workers and post-secondary education: A cross-polity perspective* by A. Bron-Wojciechowska. Uppsala: Uppsala University; Stockholm: Almquist & Wiksel Int., 1989.

Examination of admission policies, educational policies of trade unions and employers, place of non-traditional studies in higher education institutions, and part-time students.

See also: 564.

20(c) Science education; environmental education

571. Eulefeld, G. "Environmental education in the Federal Republic of Germany". *European journal of education*, vol. 26, No. 4, (1991), pp. 301-306.

Focussed primarily on environmental education for young people.

20(d) Civic education; political training

572. Apel, H-J. "Re-education: Remedial training in democratic modes of thought and behaviour. The re-education scheme of the British Military Government in the administrative district of Cologne (1946)". *History of education*, vol. 18, No. 3, (1989), pp. 295-303.

Analysis of the intent, success and failure of the re-education efforts, particularly with respect to re-education of school teachers.

573. Schmidt-Sinns, D. "Anglo-American re-education programmes for Germany. Their immediate failures and their long-term success", pp. 143-154 in *Adult education in crisis situations* edited by F. Pöggeler and K. Yaron. Jerusalem: The Magnes Press, The Hebrew University, 1991.

Reexamination of the failure and success of the re-education efforts of the Allied occupation forces.

574. Willett, R. "Re-education: 'Yours job in Germany'", pp. 16-27 in *The Americanization of Germany, 1945-1949* edited by R. Willett. London: Routledge, 1989.

See also: 505, 523.

20(k) Art; drama; music education

See 505.

20(l) Pre-retirement education; programs for retired

575. Pilley, C. "Older people's projects at the University of Dortmund", pp. 27-32 in *Adult education, community development and older people* by C Pilley. London: Cassell Educational, 1990.

Outline of three projects providing non-credit general education and a 2-year diploma in educational gerontology, for retired people.

576. Veelken, L. "The origins and development of a scientifically-orientated educational gerontology in the Federal Republic of Germany". *Journal of educational gerontology*, vol. 6, No. 1, (1991), pp. 16-30.

Account of the development of continuing education programs for older people and the involvement of universities in research and training of gerontologists as well as in programs for older people.

See also: 524, 525, 563.

20(m) Immigrant, ethnic minority, multicultural education

577. Hassid, J. *Management training programme for Greek migrants in the Federal Republic of Germany*. Berlin: CEDEFOP, 1990. 53 p.

578. Knoll, J.H. "Multiculturalism in the Federal Republic with certain references to Canada", pp. 153-162 in *International yearbook of education 1989* edited by J.H. Knoll. Köln: Böhlau, 1989.

Overview of the academic difficulties, and practical opportunities and problems, of multicultural education.

See also: 522.

GERMANY (4)

(Since 1991)

2(c) Comparative studies

579. Knoll, J.H. "Qualitative and quantitative approaches in comparative adult education". *Universitas: A quarterly German review of the arts and sciences*, vol. 33, No. 1-2, (1991), pp. 87-92.

Outline of basic research approaches in comparative study of adult education.

3(a) State and adult education; legislation

See: 583.

3(b) Financing of adult education

See: 583.

6(a) Theory of adult education

580. Dohmen, G. "The end of the wall in adult education". *International journal of lifelong education*, vol. 10, No. 3, (1991), pp. 239-242.

Analysis of the challenges in adult education both to West Germany and former East Germany (now the Eastern Provinces of the Federal Republic of Germany).

See also: 585.

6(b) Research in adult education

See: 579.

8(c) Volkshochschulen; people's and workers' universities

See 580.

10(a) Correspondence study; distance education; open learning

581. Albrecht, K. "Position and possibilities of distance education". *Epistolodidaktika: The European journal of distance education*, No. 1, (1991), pp. 36-38.

Outline account of the situation in the former German Democratic Republic.

582. Möhle, H. "Distance education in Eastern Germany". *The American journal of distance education*, vol. 5, No. 2, (1991), pp. 51-54.

Outline of the situation of distance education in the five new provinces of the Federal Republic of Germany (former GDR) since unification of Germany.

16(a) Vocational and technical education; apprenticeship

583. Neuber, M. and Akalin, O. (eds.) "Further education in the Federal Republic of Germany" (theme issue). *Education and science*, No. 11-12, (1991). 26 p.

Comprehensive overview of the current state of adult education in unified Germany, with emphasis on West Germany and on vocational education.

584. Uthmann, K-J. "Vocational education and training in Germany after unification". *European journal of education*, vol. 26, No. 1, (1991), pp. 5-12.

Examination of the early stages of remodelling of vocational education and training in the former GDR, now the five new provinces in the federation.

See also: 586.

20(c) Science education; environmental education

585. Apel, H. "Integrated environmental adult education" *Adult education and development*, No. 37, (1991), pp. 55-67.

Account of conceptual reflections on and practical experience with integration of environmental themes in adult education.

586. Schweger, H-P. "Specialist for environmental protection". *Adult education and development*, No. 37, (1991), pp. 79-84.

Outline of a vocational training program designed and implemented by the *Volkshochschule* in Husum in northern Germany.

20(d) Civic education; political training

See: 580.

GREECE

2(b) History of adult education

See: 587, 600.

3(a) State and adult education ; legislation

587. Boucouvalas, M. "Historical and contemporary aspects of the relationship between the state and adult education in Greece", pp. 391-399 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Outline, through illustrative examples, of the development of the relationship since early Greece to the present.

See also: 594.

5(a) Adult educators; staffing; training

588. European Centre for the development of Vocational Training. *The training/development of in-company trainers/supervisors of young people--the case of Greece*. Berlin: CEDEFOP, 1989. 72 p.

589. Vergidis, D. "Training adult educators in Greece", pp. 90-102 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Overview analysis of the training of different types of adult educators, set against a brief outline of adult education in Greece.

8(a) University extension: universities and adult education

590. Moutsopoulos, E.A. "Continuing education, the promotion of culture, and the social role of the university". *Higher education in Europe*, vol. 14, No. 1, (1989), pp.29-31.

Thoughts on ways of combining university non-credit continuing education courses with efforts to promote broad dissemination of culture, exemplified by an account of two such courses offered at the University of Athens.

12(a) Libraries

591. Dewe, M. "The new central public library for Veria, Greece". *International library review*, vol. 23, No. 4, (1991), pp. 287-298.

Account of the author's involvement as consultant to the project in its planning stage.

14(a) Community development

592. Daoutopoulos, G.A. "Community development in Greece". *Community development journal*, vol. 26, No. 2, (1991), pp. 131-138.

Overview of the situation of community development since the 1950s.

15(c) Post-secondary education; higher education

593. Panoussis, I. "Do universities help the economy? The case of the Democritus University of Thrace". *Higher education in Europe*, vol. 16, No. 1, (1991), pp. 67-73.

Analysis "of the relationship between a dispersed-campus regional university....and local economy.

See also: 599.

16(a) Vocational and technical education; apprenticeship

594. Bouzakis, J. "The reform of the Greek vocational education system". *Western European education*, vol. 21, No. 4, (1989-90), pp. 85-90.

Outline of the reform based on 1983 and 1985 legislation.

595. Drimousis, I. and Zisimopoulos, A. *Vocational training in the textiles and clothing industry of Greece*. Berlin: CEDEFOP, 1989. 140 p.

See also: 588.

16(b) Training in business, industry and government

596. Fotinopoulou, K. and Manololoulos, H. *Technical training requirements of middle management in the Greek textile and clothing industries*. Berlin: CEDEFOP, 1991. 97 p.

See also: 588, 595.

18(a) Education of women

597. Papadimitriou, C. "The agro-tourist project of Chios Island", pp. 223-225 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

598. Trantalidi, M. "Presentation on the status of Greek women with respect to equal opportunities", pp. 274-279 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

20(c) Science education; environmental education

599. Scoullos, M. "The development and the present situation of environmental education in Greek higher education". *Higher education in Europe*, vol. 15, No. 4, (1990), pp. 37-43.

Contains a section on vocational and adult education in environmental education.

20(d) Civic education; political training

600. Leontis, A. "Cultural politics and populist uses of the ancients". *Journal of modern Greek studies*, vol. 9, No. 2, (1991), pp. 191-214.

Analysis of the invocation of ancient Greek culture by the populists in their struggle for indigenous organic culture during the last 100 years.

HUNGARY

2(b) History of adult education

See: 608.

2(c) Comparative studies

See: 601.

3(a) State and adult education; legislation

601. White, A. *De-Stalinization and the house of culture.* London: Routledge, 1990. 195 p.

Comparative analysis of "declining state control over leisure in the USSR, Poland and Hungary, 1953-1989".

See also: 608, 610, 611.

3(b) Financing of adult education

See: 610, 611.

6(a) Theory of adult education

602. Horvath, A. "Flexibility of thinking--a challenge for adult education", pp. 257-263 in *International yearbook of adult education 1989* edited by J.H. Knoll. Köln: Böhlau, 1989.

"The paper attempts to give an overview of changes that have occurred in the last forty years in Hungarian adult education as a result of shifts in politics and transformation of society. It concludes in describing the current needs towards adult education, the institutional background and the problems to be solved."

6(b) Research in adult education

See: 611.

9(a) Town and village cultural centres; community schools

See: 601.

9(b) Voluntary associations; societies; clubs

603. Katus, J. "Voluntary associations, volunteers and democratization in Hungary: A view from Holland", pp. 25-41 in *State and civil society: Voluntary work in Western and Eastern Europe* edited by J. Heinsius and J. Houben. Utrecht: Volonteurope/C.I.V., 1989.

Text of a lecture given at a workshop on Volunteer Work and the State, held in Noordwijkehout on July 2, 1989.

10(a) Correspondence study; distance education; open learning

604. Gonda, P. and Nadási, A. "A distance education course on custom-design circuits". *Educational media international*, vol. 26, No. 3, (1990), pp. 149-153.

Description of planning and development of a distance education course on production of custom-designed circuits, and discussion of major findings arising from evaluation of the course.

605. Halász, G. "Distance education in Hungary". *Epistolodidaktika: The European journal of distance education*, No. 1, (1991), pp. 39-42.

Brief overview of "the present state of distance education, former attempts, and Western contacts".

606. Lampikoski, K. "Experiences, opportunities and problems of distance education in the Soviet Union and Hungary". *Epistolodidaktika: the European journal of distance education*, No. 1, (1991), pp. 43-50.

Account of the management training project in Hungary, organized by the Institute of Marketing in Helsinki.

11(a) Educational radio and television; educational technology

607. Nadási, A. "Educational technology in Hungary". *Educational media international*, vol. 26, No. 3, (1989), pp. 173-177.

Account of the work of the Centre for Educational Technology, within a framework of the theory and practice of educational technology in Hungary.

12(a) Libraries

608. Tőth, G. "Problems in Hungarian library policy". *Libri*, vol. 40, No. 4, (1990), pp. 336-349.

Account of development of public libraries in this century, and a state-of-the-art report on problems facing the libraries today.

14(a) Community development

609. Tausz, K. "The case of Eastern Europe: Why community development still has to find a role in Hungary". *Community development journal*, vol. 25, No. 4, (1990), pp. 300-306.

Outline of the changed social and political situation, and of the need to identify and build a role for community development.

15(c) Post-secondary education; higher education

610. Kozma, T. "Higher education in Hungary: Facing the political transition". *European journal of education*, vol. 25, No. 4, (1990), pp. 379-390.

Overview of the political context and relationships, with only passing reference to adults, part-time study, in-service education.

16(a) Vocational and technical education; apprenticeship

611. Héthy, A. and Héthy, L. *New technologies, work organisation, qualification, structures and vocational training in Hungary*. Berlin: CEDEFOP, 1990. 30 p.

16(c) Professional continuing education; in-service training

612. Szebenyi, P. "The effectiveness of INSET in Hungary", pp. 139-145 in *The effectiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

Analysis of development of in-service teacher training since the 1985 Ministry of Education decree on further education of teachers.

See also: 604, 606.

20(d) Civic education; political training

See: 603.

ICELAND

2(a) General overviews; collections of writings; yearbooks

613. Bjarnadóttir, B. "Iceland", pp. 197-234 in *Adult education in Europe: Nordic countries I and II* edited by J. Engelhardt. Prague: European Centre for Leisure and Education, 1989.

Translation of a comprehensive study of all aspects of adult education, first published in 1982.

ITALY

2(b) History of adult education

614. Mitchell, J. "Literacy displayed: The use of inscriptions at the monastery of San Vincenzo al Volturno in the early ninth century", pp. 186-225 in *The uses of literacy in early medieval Europe* edited by R. McKitterick. Cambridge: Cambridge University Press, 1990.

2(c) Comparative studies

615. Lichtner, M. "Comparing experiences: A qualitative approach", pp. 109-115 in *Comparative research in adult education* edited by M. Lichtner. Frascati: CEDE, 1989.

Exposition of qualitative micro-level methodology in comparative study.

See also: 629.

3(b) Financing of adult education

616. Papa, M.; Restelli, S.; Ribolzi, L.; Scanera, A. *The financing of continuing training in Italy*. Berlin: CEDEFOP, 1991. 119 p.

4(c) Regional adult education systems and organizations

See: 629, 630.

4(d) Local level adult education institutions and organizations

617. Todeschini, M. "Redesigning postcompulsory education for non-conventional target groups: Some problems in the metropolitan area of Milan", pp. 147-153 in *Comparative research in adult education* edited by M. Lichtner. Frascati: CEDE, 1989.

"This paper raises questions as to the features to be shown by educational initiative aiming to non-traditional target groups...whose need for further education can be stated objectively" but whose history shows negative attitude to traditional school.

See also: 637.

5(a) Adult educators; staffing; training

618. Dutto, A.; Frigo, F.; Montedoro, C.; Pasinetti, M.; Vascia, C. *The training needs of in-company trainers engaged in the training of young people in Italy*. Berlin: CEDEFOP, 1989.

619. Federighi, P. "The organisation of agencies for adult education in Italy", pp. 103-114 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Overview analysis of the situation of adult educators and provisions for their training, set against a brief outline of adult education in Italy.

See also: 630, 631.

6(a) Theory of adult education

620. Lichtner, M. "Research in adult education: The Italian case", pp. 103-121 in *International yearbook of adult education* edited by J.H. Knoll. Köln: Böhlau, 1989.

Overview of development of adult education theory and research since 1945.

See also: 615, 633, 636.

6(b) Research in adult education

See: 615, 620.

9(a) Town and village cultural centres; community schools

See: 627.

9(b) Voluntary associations; societies; clubs

621. Petrucci, P. "The role of Publica Assistenza in Italy", pp. 52-56 in *State and civil society: Voluntary work im Western and Eastern Europe* edited by J. Heinsius and J.Houben. Utrecht: Volonteurope/C.I.V., 1989.

Overview of the work of the volunteer society which provides primary health, social, cultural and recreational services to lower classes.

10(a) Correspondence study; distance education; open learning

622. European Centre for the Development of Vocational Training. *Distance training for management and administrative staff in small and medium-sized enterprises and craft firms in Italy*. Berlin: CEDEFOP, 1989. 93 p.

623. Giacomantonio, M. "Distance learning in the telematic era". *Educational media international*, vol. 28, No. 4, (1991), pp. 205-208.

Examination of "the use that can be made of telematics when applied to distance learning...different educational styles which must be used...and how future applications for the use of telematics in distance education might progress".

624. Vertecchi, B. "A distance education system: The experience of the Department of Education, La Sapienza University". *Educational media international*, vol. 26, No. 1, (1990), pp. 33-35.

"The difficulty of satisfying the need for teachers in Italy to have further education and training is explained...and how this has led to the development of distance learning course. The operation, evaluation and development of these courses are discussed."

See also: 625, 626.

11(a) Educational radio and television; educational technology

625. Giacomantonio, M. "Interactive and multi-media systems for individual open learning". *Educational media international*, vol. 26, No. 3, (1989), pp. 138-143.

"This article aims to analyse some strategies which will remove the major limitations [of effective implementation of open learning systems], and suggests several opportunities for individual learning by means of a systematic use of interactive technologies and of multi-media systems."

626. Albanese, A. "New ventures in educational technology in Italy: The experience of a large training company". *Educational media international*, vol. 26, No. 1, (1990), pp. 36-38.

Account of day-to-day work of a training company responsible for training of other member companies of a group, and view of the future of open and distance learning in the industrial world.

See also: 623, 624.

14(a) Community development

627. Allulli, G. "Italy: The *territorio* approach", pp. 53-60 in *Community education in the Western World* edited by C. Poster and A. Krüger. London: Routledge, 1990.

Brief overview of the Italian approach to "the transition of young people from school life to the adult and working world".

15(a) Literacy; adult basic education

See: 614.

16(a) Vocational and technical education; apprenticeship

628. Meghnagi, S. "Technical and vocational education in Italy: The state and the regions". *European journal of education*, vol. 24, No. 2, (1989), pp. 159-165.

Deals primarily with secondary school vocational education, but contains also sections on on-the-job training and second chance training opportunities.

629. Meijer, K. "Reforms in vocational education and training in Italy, Spain and Portugal: Similar objectives, different strategies". *European journal of education*, vol. 26, No. 1, (1991), pp. 13-27.

Comparison of recent developments in vocational education and training in the three countries, set into the larger framework of the European Community.

630. Monasta, A. "Education, employment and work organisation", pp. 194-204 in *Learning opportunities for adults* edited by T.E. Corner. London: Routledge, 1990.

Examination of the Italian new regional training system based on work competencies, and its impact on teachers and trainers in adult vocational education.

See also: 616, 634.

16(b) Training in business, industry and government

631. Marchetti, A. and Villa, P. *Continuing training in firms and trainer development in Italy*. Berlin: CEDEFOP, 1991. 63 p.

See also: 616, 618, 622, 625, 626, 630.

16(c) Professional continuing education; in-service training

632. Augusti, G. and D'Agostino, S. "Continuing engineering education in Italy". *Weiterbildung in Wirtschaft und Technik*, No. 1, (1990), pp. 2832.

See also: 616, 624, 637.

16(d) Retraining; upgrading

See: 616.

18(a) Education of women

633. Erlicher, L. "Survey of examples of women's professional training aimed at outlining a model of positive action", pp. 209-214 in *Comparative research in adult education* edited by M. Lichtner. Frascati: CEDE, 1989.

Brief analysis of three cases of vocational training for women as a basis for a model of women's educational and work advancement.

634. Haim, J. "Orientamento Lavoro for women in Milan", pp. 226-232 in *Grassroots education for women in Europe* Amersfoort: European Bureau of Adult Education, 1991.

20(c) Science education; environmental education

635. Mayer, M. "Environmental education in Italy: Proposals for an evaluation strategy". *European journal of education*, vol. 26, No. 4, (1991), pp. 325-337.

Deals with school and out-of-school environmental education, as well as education of the general public.

20(d) Civic education; political training

636. Lichtner, M. "Political education of adults: Specific instances and the general view". *Studies in the education of adults* (UK), vol. 22, No. 1, (1990), pp. 3-13.

Philosophical analysis of political education, using Italian context and examples.

20(e) Family life education; parent education

See: 637.

20(g) Health education

637. Mongelli, A. "Health education: Instrument for a health oriented culture? An Italian experience--a case study", pp. 206-218 in *World yearbook of education 1989* edited zby C. James, J. Baldwin and D. Harris. London: Kogan Page, 1989.

Account of a health education initiative in Verona during 1978-1981 which included school children, teachers, non-teaching staff and parents.

LATVIA

(Since 1991)

No materials located for 1991.

LITHUANIA

(Since 1991)

No materials located for 1991.

LUXEMBOURG

3(a) State and adult education; legislation

638. Leirman, W. "The state and adult education in Benelux between 1970 and 1990: From generous godfather to bi-partisan stepmother", pp. 274-284 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Examination of "the relationship between labour, leisure and education [and of] the evolution of adult education policies in relationship to developments in the field", confrontation of "the dynamics of adult education policies with the principles of `lifelong education' and with different models of continuing education", and a look towards the future.

NETHERLANDS

2(a) General overviews; collections of writings; yearbooks

639. Hake, B.J. and Morgan, W.J. (eds.) *Adult education, public information and ideology: British-Dutch perspectives on theory, history and practice*. Nottingham: Department of Adult Education, University of Nottingham, 1989. 238 p.

Edited series of papers presented at a British-Dutch Symposium on Adult education and Public Information, held at the University of Nottingham in September 1988.

2(b) History of adult education

640. Hake, B.J. "The English connection in the historical development of Dutch adult education: A reconsideration of the role of social movements in the organisation of cross-cultural communication", pp. 61-75 in *Adult education, public information and ideology* edited by B.J. Hake and W.J. Morgan. Nottingham: Department of Adult Education, University of Nottingham, 1989.

Analysis of social organization of the cross-cultural communication of ideas and practices in adult education (process of cultural borrowing), exemplified by the role of social movements.

641. van Gent, B. "Thwarted inspiration: The fate of three British models for Dutch adult education". *Studies in the education of adults* (UK), vol. 23, No. 2, (1991), pp. 202-210.

Historical account of three Dutch institutions in Leiden in the period 1890-1990 which were influenced by British models: the Leiden Folk House, the Leiden Folk University, and Eurostep.

See also: 683.

2(c) Comparative studies

642. Glastra, F. and Kats, E. "Media projects and the politics of public communication", pp. 157-176 in *Adult education, public information and ideology* edited by B.J. Hake and W.J. Morgan. Nottingham: Department of Adult Education, University of Nottingham, 1989.

Examination of the emergence and development of the film and video movement, its social backgrounds, and evaluation of the significance of developments in media projects for the politics of public communication by social groups and organizations.

643. van Gent, B. "The concept and profession of `enlightenment work': A reaction to Bo Jacobsen". *International journal of lifelong education*, vol. 10, No. 3, (1991), pp. 231-235.

Short introduction to "enlightenment work" in the Netherlands as a reaction to the Jacobsen's piece on the concept of enlightenment.

See also: 653, 670, 681.

3(a) State and adult education; legislation

644. Leirman, W. "The state and adult education in Benelux between 1970 and 1990: From generous godfather to bi-partisan stepmother", pp. 274-284 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Examination of "the relationship between labour, leisure and education [and of] the evolution of adult education policies in relationship to developments in the field", confrontation of "the dynamics of adult education policies with the principles of `lifelong education' and with different models of continuing education", and a look towards the future.

See also: 661, 666, 669, 671, 687.

3(b) Financing of adult education

645. Kraayvanger, G.; Hövels, B.; van Onna, B. *The financing of adult vocational training in the Netherlands*. Berlin CEDEFOP, 1991. 135 p.

See also: 666, 669, 671.

4(a) International organizations; international cooperation

See: 640, 686.

5(a) Adult educators; staffing; training

646. Bolhuis, S. and Wagenaar, J. "Adult education in the Netherlands", pp. 23-41 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

"This paper seeks to explore training and other ways of helping to develop expertise among workers in adult education in the Netherlands"; the paper is organized by training available for the major areas of adult education.

647. Smid, G. "The support of lay tutors in trade union education". *International journal of lifelong education*, vol. 10, No. 2, (1991), pp. 107-129.

Examination of role and tasks of lay tutors, and of ways and means of supporting them, leading to a model of such support activities.

648. van der Starre, J.H.E. "Short report on library and information science education in the Netherlands and Belgium (Flanders)". *Libri*, vol. 40, No. 2, (1990), pp. 158-164.

Outline of the training provision as of 1989 in the Netherlands and the Dutch-speaking part of Belgium.

See also: 673.

6(a) Theory of adult education

649. Kats, E. and Glastra, F. "Conceptualising frictional problems in communication", pp. 44-57 in *Adult education, public information and ideology* edited by B.J. Hake and W.J. Morgan. Nottingham: Department of Adult Education, University of Nottingham, 1989.

Proposal for an alternate sociological approach to the study of audio-visual communication, augmenting the common psychological approach.

650. Katus, J. "On the development of the science of public information in the Netherlands", pp. 27-43 in *Adult education, public information and ideology* edited by B.J. Hake and W.J. Morgan. Nottingham: Department of Adult Education, University of Nottingham, 1989.

Account of "the development of the study of public information, more properly understood as public education, as a sub-discipline of andragogy in the Netherlands".

651. van der Zee, H. "The learning society". *International journal of lifelong education*, vol. 10, No. 3, (1991), pp. 213-230.

Outline of five strategic issues: education as a dimension of society, growth towards completeness, increasing collective competence, self-education, and the right to learn.

652. van Gent, B. "Andragogy and andragology in the Netherlands: Issues in the definition of a scientific discipline", pp. 19-26 in *Adult education, public information and ideology* edited by B.J. Hake and W.J. Morgan. Nottingham: Department of Adult Education, University of Nottingham, 1989.

Examination of the development of the Dutch multidisciplinary approach to the related fields of adult education, community development, social work and personnel work.

See also: 641, 643, 674, 675, 678, 682.

6(b) Research in adult education

653. Aalders, M.J.A.M. and van den Bosch, A.J. "Industrial training in the Netherlands: A comparison with some other EC countries". *Journal of European industrial training*, vol. 15, No. 6, (1991), pp. 19-22.

Presentation of a framework for analysis of differences in participation rates in industrial training.

654. van der Drift-van Nies, R. "Research and development in continuing education for primary health care professionals", pp. 135-147 in *Adult education, public information and ideology* edited by B.J. Hake and W.J.Morgan.

Report of "an action research project concerned with the prevention of alcohol abuse".

See also: 660, 664, 674, 675, 677, 678, 680.

8(a) University extension; universities and adult education

See: 642, 688.

8(c) Volkshochschulen; people's and workers' universities

See: 642.

9(b) Voluntary associations; societies; clubs

655. Meijer, M. "Supporting the self-organisation of women refugees". *Convergence*, vol. 23, No. 3, (1990), pp. 83-86.

Brief outline of the variety of self-organizations, from socializing to lobbying type, formed in the Netherlands by women refugees from other parts of the world.

See also: 642.

10(a) Correspondence study; distance education; open learning

656. Kirschner, P.; Meester, M.; Middelbeek, E. "Practical objectives at the Open University of the Netherlands". *Journal of distance education*, vol. 6, No. 1, (1991), pp. 5-27.

Analysis of curriculum development at the Open University.

657. Rodenburg, N. "Teleac: Multi-media education in the Netherlands". *Educational media international*, vol. 26, No. 4, (1990), pp. 225-231.

Description of the Dutch Teleac multi-media system and method of adult education, with information on participants and results of studies on learning effects in the system.

658. van Luijk, B. "Customer service gains interest in the Netherlands". *Epistolodidaktika: The European journal of distance education*, No. 1, (1989), pp. 43-45.

Resume of a paper given at a conference on Success Strategies in Distance Education in the Nineties, organized by AECS in 1988.

659. Veen, K. "Effective structure of a large school". *Epistolodidaktika: The European journal of distance education*, No. 1, (1990), pp. 36-41.

Description of organizational structure and functions of the Koninklijke PBNA private correspondence school.

660. Wagemans, L.J.; Valcke, M.; Dochy, F. "Learning economics at a distance: Quality and impact of expertise. A study with Open University students". *Distance education*, vol. 12, No. 2, (1991), pp. 232-251.

Replication of an earlier investigation of Maastrich University students, carried out this time with the students of the Open University.

661. Wenting, H. "The good and bad points of the Dutch legislation". *Epistolodidaktika: The European journal of distance education*, No. 1, (1991), pp. 65-69.

Brief account of the experience of private distance education institutions with legislation enacted in 1973.

See also: 662, 663, 664.

11(a) Educational radio and television; educational technology

662. Haak, R. and de Vries, H. "Experiences with digimail system". *Epostolodidaktika: The European journal of distance education*, No. 1, (1989), pp. 77-89.

Account of development and introduction of electronic mail in distance education in the Netherlands in 1988.

663. Kirschner, P.A. et al. "Audiotape feedback for essays in distance education". *Innovative higher education*, vol. 15, (1991), pp. 185-195.

664. van Meurs, C.E.J. and Bouhijs, P.A.J. "Tele-education: An experiment on home computing at the Dutch Open University". *Open learning*, vol. 4, No. 1, (1989), pp. 33-36.

Results of evaluation of a pilot project on the use of home computers in distance education.

See also: 640, 649, 657.

12(a) Libraries

See: 648.

14(a) Community development

665. Pilley, C. "Releasing older people's skills", pp. 7-14 in *Adult education, community development and older people* edited by C. Pilley. London: Cassell Educational, 1990.

Examples from Netherlands and England; describes the Dutch *Gilde* projects providing opportunities for older people to act as a resource to the community.

15(a) Literacy; adult basic education

666. Hamming, K. *Functional illiteracy and adult basic education in the Netherlands*. Hamburg: Unesco Institute for Education, 1990. 144 p.

Comprehensive account of the background since early 1970s, and major development of ABE since government regulations were introduced in 1987.

15(b) Secondary education

667. Hettinga, C.A-M. *Education in the Netherlands: An outline of regular and special education focusing the situation of pupils and adults with disabilities*. Malmö: Malmö School of Education, Lund University, 1991. 47 p.

Includes examination of the situation of adults attending special schools for disabled.

15(c) Post-secondary education; higher education

668. Goedegebuure, L.C.J. and Westerheijden, D.F. "Changing balances in Dutch higher education". *Higher education*, vol. 21, No. 4, (1991), pp. 495-520.

Overview of the profound changes in Dutch higher education during the 1980s, and attempt "to formulate an analytical framework that might be suited to analyze this process".

669. Organisation for Economic Co-operation and Development. *Reviews of national policies: Netherlands*. Paris: OECD, 1991. 148 p.

Comprehensive review of the current education system; contains a chapter (pp. 45-56) on higher adult education.

See also: 656.

15(d) Education permanente; lifelong learning; recurrent education

See: 651.

16(a) Vocational and technical education; apprenticeship

670. Liebrand, C.G.M. "Recent developments in the Dutch system of vocational qualifications". *European journal of education*, vol. 26, No. 1, (1991), pp. 55-61.

Overview of developments in the Dutch approach to vocational qualification, compared to the situation in England.

671. Organisation for Economic Co-operation and Develoment. *Further education and training of the labour force. Country reports: The Netherlands*. Paris: OECD, 1990. 50 p.

See also: 667.

16(b) Training in business, industry and government

672. Bergenhenegouwen, G. "The management and effectiveness of corporate training programmes". *British journal of educational technology*, vol. 21, No. 3, (1990), pp. 196-202.

Analysis of trend "for the practical and corporate benefits of training to be evaluated in the light of the organisation's policy", and of the consequences for evaluation of effects of training.

673. European Centre for the Development of Vocational Training. *Continuing training in firms and trainer development in the Netherlands*. Berlin: CEDEFOP, 1991. 50 p.

See also: 645, 653, 671.

16(c) Professional continuing education; in-service training

674. Admiraal, W.F.; Korthagen, F.A.J.; Vedder, J. "The process of reflection and the relation with teachers' self-system", pp. 111-125 in *Research and developments on teacher education in the Netherlands* edited by J.T. Voorbach and L.G.M. Prick. Amsterdam: Swets and Zeitlinger, 1990.

Analysis of "the significance of reflection for the teachers' professional development".

675. Dolle-Willemsen, T.E. and Rodenburg-Smit, J.C. "Equal opportunities and classroom interaction in pre-service and in-service teacher training courses", pp. 4-14 in *Research and developments on teacher education in the Netherlands* edited by J.T. Voorbach and L.G.M. Prick. Amsterdam: Swets and Zeitlinger, 1990.

Description of "the first stage of a European Community action-research project, integrating the issue of equal opportunities for boys and girls (EO) into the curriculum of teacher education".

676. Schraag, J.A. and Dolle-Willemsen, T.E. "An innovative course on sex education in the Netherlands". *The journal of continuing education in the health professions*, vol. 10, No. 3, (1990), pp. 275-277.

"A course for teachers of sex education in the schools in the Netherlands used innovative techniques that were highly effective in influencing the teachers' beliefs and classroom practices."

677. van Tulder, M. and Veenman, S. "Characteristics of effective in-service programmes and activities: Results of a Dutch survey". *Educational studies*, vol. 17, No. 1, (1991), pp. 25-48.

Study of INSET program participants and trainers.

678. Voorbach, J.T. and Prick, L.G.M. (eds.) *Research and developments on teacher education in the Netherlands*. Amsterdam: Swets and Zeitlinger, 1990. 172 p.

Sixths collection of Dutch papers presented at the annual conference of the Association for Teacher Edution in Europe (ATEE), held in September in Kristianstad, Sweden; appropriate papers listed in this category.

See also: 644.

16(d) Retraining; upgrading

679. de Vries, B. *Educational and vocational guidance for the long-term unemployed in the Netherlands*. Berlin: CEDEFOP, 1989. 90 p.

680. van der Sijde, P. "The effect of a brief teacher training on student achievement". *Teaching and teacher education*, vol. 5, No. 4, (1989), pp. 303-314.

Research report on an experiment with a short-term inservice training course for mathematics teachers.

See also: 644, 671.

16(e) Agricultural extension; rural adult education

681. Blum, A. "What can be learned from a comparison of two agricultural knowledge systems? The case of the Netherlands and Israel". *Agriculture, ecosystems and environment*, vol. 33, (1991), pp. 325-329.

682. Rölling, N. and Engel, P.G.H. "The development of the concept of agricultural knowledge information system (AKIS): Implications for extension", pp. 125-137 in *Agricultural extension: Worldwide institutional evolution and forces for change* edited by W.M. Rivera and D.J. Gustafson. Amsterdam: Elsevier, 1991.

Paper on development of an alternative knowledge process based on a systems approach, and its implications for agricultural extension.

18(a) Education of women

683. Both, H. "The boundaries of women's territory in Dutch Social Democracy: Some developments in the political education of women, 1933-1983", pp. 90-106 in *Adult education, public information and ideology* edited by B.J. Hake and W.J. Morgan. Nottingham: Department of Adult Education, University of Nottingham, 1989.

Account of "the organisation of political education by and for women within the context of the social democratic movement" during the 50-year period.

684. de Leeuw, H. "The importance of groups for women at all education levels", pp. 192-196 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

685. Kroon, L. "Women's education in the Netherlands", pp. 174-176 in *Grassroots education for women in Europe*. European Bureau of Adult Education, 1991.

See also: 655.

19(a) Workers' education; union education; paid educational leave

See: 647.

20(d) Civic education; political training

686. Dijkstra, P. "Adult education for peace". *Convergence*, vol. 22, No. 1, (1989), pp. 5-9.

Brief analysis of education for peace, dealing with the questions of: What is our vision of peace? How can adult education help the peace movement? and How do we reach our utopia?

See also: 683.

20(g) Health education

687. Hagendoorn, J. "Health education in the Netherlands--an overview", pp. 15-19 in *World yearbook of education 1989* edited by C. James, J. Balding and D. Harris. London: Kogan Page, 1989.

Outline overview of the development of comprehensive health education since the 1960s.

See also: 654.

20(1) Pre-retirement education; programs for retired

688. van der Veen, R. "Third age or inter-age universities?" *Journal of educational gerontology*, vol. 5, No. 2, (1990), pp. 96-105.

Analysis of the dilemma of separate institutions for older adults vs. integration of older adults into mainstream university programs.

See also: 667.

NORWAY

2(a) General overviews; collections of writings; yearbooks

689. Kallerud, B. "Norway", pp. 235-292 in *Adult education in Europe: Nordic countries I and II* edited by J. Engelhardt. Praque: European Centre for Leisure and Education, 1989.

Translation of a comprehensive study of all aspects of adult education, first published in 1982.

3(a) State and adult education; legislation

690. Low, G. "Recent educational reforms in Norway and their effect on adult education in that country". *International journal of lifelong education*, vol. 8, No. 3, (1989), pp. 235-249.

Examination of the impact of educational reforms in the past two decades on the development of adult education, and an overview of the shortcomings of the current provision and of future prospect of education.

691. Nordhaug, O. "Equality and public policy: Ideals, realities and paradoxes". *International journal of lifelong education*, vol. 8, No. 4, (1989), pp. 289-300.

Discussion of relationship between equality goals and public policy concerning adult education in Norway since the 1977 legislation.

692. Organisation for Economic Co-operation and Development. *Reviews of national policies for education: Norway*. Paris: OECD, 1990. 98 p.

Report of a second team of OECD examiners in 1988 (the first team visited Norway in 1974); contains references to education of adults.

See also: 694, 697, 705.

3(b) Financing of adult education

693. Nordhaug, O. "Structural determinants of publicly subsidized adult education". *Adult education quarterly*, vol. 40, No. 4, (1990), pp. 197-206.

Report of a study of structural determinants of the volume of publicly subsidized adult education activities in municipalities, carried out in 1984-85.

See also: 690, 691, 692, 697, 702, 705, 711.

4(a) International organizations; international cooperation

See: 692.

4(d) Local level adult education institutions and organizations

See: 693.

5(a) Adult educators; staffing; training

694. Brattset, H. "The training of adult educators in Norway", pp. 173-188 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Analysis of the need and rationale, and of the varied provision of pre-service and in-service training of adult educators.

6(a) Theory of adult education

See: 698.

6(b) Research in adult education

695. Gooderham, P.N. "Socioeconomic outcomes from adult education". *Adult education quarterly*, vol. 41, No. 4, (1991), pp. 203-216.

"Applying a Status Attainment approach, the article assesses the degree to which career-related adult education promotes social mobility and the degree to which gender and age modify outcomes for a sample of Norwegian adults."

8(a) University extension; universities and adult education

696. Holtermann, S. "Co-operation between business and industry and universities in education and training: The case of the Project Forum of the University of Oslo". *Higher education management*, vol. 1, No. 3, (1989), pp. 239-244.

Description of a new project that "seeks to combine experiential learning with theoretical learning, and aims at strengthening contacts between the university and working life".

9(c) Study circles; discussion groups

See: 711.

10(a) Correspondence study; distance education; open learning

697. Ljosá, E. "Legislation in Europe--the Norwegian experience". *Epistolodidaktika: The European journal of distance education*, No. 1, (1991), pp. 54-64.

Account of legislative developments since the 1948 Act on Correspondence Schools.

698. Rekkedal, T. "Evolution concepts and practices at NKI, Norway". *Epistolodidaktika: The European journal of distance education*, No. 2, (1991), pp. 65-84.

Account of evaluation procedures employed by the NKI (the Norwegian Correspondence Institute), and of their conceptual basis.

See also: 699, 700, 701.

11(a) Educational radio and television; educational technology

699. Blom, D. "The conquest of a new medium". *Epistolodidaktika: The European journal of distance education*, No. 1 (1991), pp. 70-77.

"Report from a development project supported by the AECS [Association of European Correspondence Schools]: New Designs for Television in Norwegian Distance Education."

700. Kraw, A.G. "Experiences with audio cassettes". *Epistolodidaktika: The European journal of distance education*, No. 1, (1989), pp. 91-95.

Report on the Dialogue Cassette Project, carried out by the Norwegian Correspondence School (NKS).

701. Paulsen, M.F. and Rekkedal, T. "Experiences with the EKKO computer-conferencing system at NKI". *Epistolodidaktika: The European journal of distance education*, No. 1, (1989), pp. 66-76.

Account of the introduction of the EKKO system by the Norwegian Correspondence Institute (NKI).

See also: 713.

12(a) Libraries

702. Granheim, E. "The library user survey for 1988: Does it tell us anything new?". *Scandinavian public library quarterly*, vol. 23, No. 2, (1990), pp. 7-11.

Overview of the results of the user survey.

703. Jukvam, D.; Skrámm, W.H.; Våge, N.S. "Local history stored on computers". *Scandinavian public library quarterly*, vol. 23, No. 3, (1990), pp. 23-27.

Local project of preserving local history, aided by the municipal library.

704. Qvale, P. "Using the library: Library users with reading and writing difficulties". *Scandinavian public library quarterly*, vol. 22, No. 2, (1989), pp. 13-15.

Description of "a project...to get more weak readers to use the libraries and to make the general public more

aware of the fact that reading and writing difficulties are quite common".

See also: 708.

15(a) Literacy; adult basic education

See: 693.

15(b) Secondary education

See: 693.

15(c) Post-secondary education; higher education

705. Fetreit, A-M. *Higher education in Norway*. Bucharest: European Centre for Higher Education, 1991. 94 p.

Contains several sections dealing with adults and adult education.

See also: 696, 707, 710.

16(a) Vocational and technical education; apprenticeship

706. Mjelde, L. "Labour and learning: The apprenticeship program in Norway". *Interchange*, vol. 21, No. 4, (1990), pp. 34-48.

Exploration of "a number of theoretical questions regarding the training of a skilled labour force [and] a summary of a research project on vocational schooling and apprenticeship in Norway".

16(c) Professional continuing education; in-service training

707. Bostad, R. "The training of deans and heads of departments at the University of Trondheim". *Higher education management*, vol. 1, No. 2, (1989), pp. 183-187.

Overview of the development and current situation of the training at the Norwegian Institute of Technology, a constituent part of the University of Trondheim.

708. Eidet, R.E. "Better management--better libraries: Norwegian libraries invest in management and management development". *Scandinavian public library quarterly*, vol. 22, No. 4, (1989), pp. 20-25.

Account of the need for, development and delivery of in-service training for library management.

709. Johansen, K. and Tjeldvoll, A. "Milieu and leadership in the school--a Norwegian INSET project without goal attainment", pp. 115-120 in *The effectiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

Account of Milieu and Leadership in the School (MOLIS), a nationwide six-year project, started in 1981 to carry out school development and train school leaders.

710. Knudsen, L. "Training programmes for heads of academic departments at the University of Oslo". *Higher education management*, vol. 1, No. 2, (1989), pp. 162-169.

"This article aims at drawing a picture of the contents, duration, frequency and teaching methods of programmes for heads of departments at the University of Oslo."

16(e) Agricultural extension; rural adult education

711. Haug, R. "Public-private cooperation: Farmer-led research/extension circles in Norway", pp. 71-77 in *Agricultural extension: Worldwide institutional evolution and forces for change* edited by W.M. Rivera and D.J. Gustafson. Amsterdam: Elsevier, 1991.

Discussion of "elements that facilitated institutionalization of the [successful] circle system, and lessons to be learned from the Norwegian experience".

18(a) Education of women

712. Lykkegaard, B. "The Think, Wish, Go Ahead course", pp. 218-222 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

See also: 695.

20(a) General education; humanities; liberal arts

See: 703.

20(g) Health education

713. Rise, J. and Sögaard, A.J. "Communication about dental health in Norwegian adults". *Community dentistry and oral epidemiology*, vol. 19, No. 2, (1991), pp. 68-71.

Study of the amount and distribution of communication on dental health issues among Norwegian adults.

20(l) Pre-retirement education; programs for retired

See: 695.

POLAND

2(a) General overviews; collections of writings; yearbooks

714. Pachociński, R. "History and present situation of adult education policy and adult education research in Poland", pp. 143-152 in *International yearbook of adult education 1989* edited by J.H. Knoll. Köln: Böhlau, 1989.

Overview of "adult education in terms of its organisational characteristics and outline of the basic principles and research aspects as an academic discipline", with emphasis on situation and developments since 1980.

2(c) Comparative studies

See: 716.

3(a) State and adult education; legislation

715. Turos, L. "The state and adult education in Poland", pp. 400-402 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Brief outline of the development of the relationship between state and adult education since 1944.

716. White, A. *De-Stalinization and the house of culture*. London: Routledge, 1990. 195 p.

Comparative analysis of "declining state control over leisure in the USSR, Poland and Hungary, 1953-1989".

6(a) Theory of adult education

See: 714, 721.

6(b) Research in adult education

See: 714.

9(a) Town and village cultural centres; community schools

See: 716.

11(a) Educational radio and television; educational technology

717. Waśko, K.; Myrczek, J.; Badowski, N. "Postdiploma computer course for chemists". *Computers and education*, vol. 14, No. 6, (1990), pp. 505-508.

Report of a comparative study of a group of chemists compared with undergraduate students in computer training program.

12(a) Libraries

718. National Library. *Polish libraries today*, vol. 1. Warsaw: National Library, 1991. 88 p.

15(c) Post-secondary education; higher education

719. Kwiatkowski, S. "Survival through excellence: Prospects for the Polish university". *European journal of education*, vol. 25, No. 4, (1990), pp. 391-398.

Proposal for elitist universities in post-communist Poland, with research and development as the only service to the community.

See also: 722.

16(a) Vocational and technical education; apprenticeship

720. Grootings, P. "Modernisation of vocational education and training in Poland". *European journal of education*, vol. 26, No. 1, (1991), pp. 29-40.

"A detailed picture of current Polish VET provision and a comprehensive analysis of the enormous problems faced in its reform and restructuring."

16(c) Professional continuing education; in-service training

721. Kaczor, S. "INSET as a realisation of the idea of permanent education", pp. 133-137 in *The effectiveness of in-service education and training of teachers and school leaders* edited by J. Wilson. Amsterdam: Swets and Zeitlinger, 1989.

Conceptual and definitional contribution to discussion of the effectiveness of in-service teacher training.

19(a) Workers' education; union education; paid educational leave

722. Bron-Wojciechowska, A. "Poland", pp. 84-171 in *Workers and post-secondary education: A cross-polity perspective* by A. Bron-Wojciechowska. Uppsala: Uppsala University; Stockholm: Almquist & Wiksell Int., 1989.

Examination of admission policies, educational policies of trade unions and employers, place of non-traditional studies in higher education institutions and part-time students.

PORTUGAL

2(c) Comparative studies

See: 729.

3(b) Financing of adult education

723. de Sousa, S. *Financing continuing vocational training in Portugal*. Berlin: CEDEFOP, 1991. 57 p.

4(c) Regional adult education systems and organizations

See: 728.

5(a) Adult educators; staffing; training

724. Cruz, M.J. and Santos, M.O. "Education and training of library and information professionals in Portugal". *Libri*, vol. 40, No. 2, (1990), pp. 165-168.

Synopsis of "training and education schemes in the field of libraries, documentation and archives in Portugal in 1989".

725. Vincente, M. *Training of trainers in Portugal*. Berlin: CEDEFOP, 1991. 50 p.

8(c) Volkshochschulen; people's and workers' universities

See: 728.

9(b) Voluntary associations; societies; clubs

See: 727.

10(a) Correspondence study; distance education; open learning

726. Nozes, J. "The creation of Universidade Aberta". *Educational media international*, vol. 26, No. 3, (1989), pp. 170-172.

Account of the genesis and current situation of the Portuguese Open University.

11(a) Educational radio and television; educational technology

See: 726.

12(a) Libraries

See: 724.

14(a) Community development

727. Cann, R. "Portuguese popular associations". *Adults learning* (UK), vol. 1, No. 2, (1989), pp. 52-53.

Outline of the contribution of popular associations to community development in northern Portugal.

15(c) Post-secondary education; higher education

728. Arroteia, J. "Higher education and continuing education in Portugal". *Higher education in Europe*, vol. 16, No. 1, (1991), pp. 56-66.

Description of the expansion of higher education, its role in regional development and rationale fo its contribution to continuing education of the population.

See also: 726.

16(a) Vocational and technical education; apprenticeship

729. Meijer, K. "Reforms in vocational education and training in Italy, Spain and Portugal: Similar objectives, different strategies". *European journal of education*, vol 26, No. 1, (1991), pp. 13-27.

Comparison of recent developments in vocational education and training in the three countries, set into the larger framework of the European Community.

See also: 723.

16(b) Training in business, industry and government

730. Pereira, L.C.; Silva, A.A.C.; Días, M.C. *Vocational profiles and training requirements of foremen and overseers in the textile/clothing sector in Portugal*. Berlin: CEDEFOP, 1991. 85 p.

See also: 723, 725.

16(c) Professional continuing education; in-service training

See: 723.

16(d) Retraining; upgrading

See: 723.

ROMANIA

3(a) State and adult education; legislation

731. Antochi, J. "Adult education as a principal ingredient of the educational and cultural system in Rumania", pp. 417-428 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Overview of the development since 1945 of laws and regulations governing education and adult education.

RUSSIA (1)

(Imperial Russia to 1917)

2(d) Biographies

See: 738.

4(d) Local level adult education institutions and organizations

732. Seregny, S.J. *Russian teachers and peasant revolution: The politics of education in 1905*. Bloomington: Indiana University Press, 1989. 292 p.

References to the role of village school teachers in adult education can be found throughout the book.

12(a) Libraries

733. Stuart, M. "'A potent lever for social progress': The Imperial Public Library in the era of the great reforms". *Library quarterly*, vol. 59, No. 3, (1989), pp. 199-222.

Analysis of the changes in the organization and operation of the St. Petersburg library in the 1860s, making it a vital tool for social and scientific progress of the educated layers of society.

13(a) Museums; art galleries; theatres

734. Roosevelt, P.R. "Emerald thrones and living statues: Theatre and theatricality on the Russian estate". *The Russian review*, vol. 50, No. 1, (1991), pp. 1-23.

Historical analysis of serf theatre on estates and in provincial towns as a major source of entertainment for rural Russia from the reign of Catherine the Great to the serf emancipation in 1861.

14(a) Community development

See: 723.

15(a) Literacy; adult basic education

735. Marker, G. "Literacy and literacy texts in Muscovy: A reconsideration". *Slavic review*, vol. 49, No. 1, (1990), pp. 74-89.

Reexamination of the level of literacy and literacy texts in Russia in the 17th century.

736. Mironov, B.N. "The development of literacy in Russia and the USSR from the tenth to the twentieth century". *History of education quarterly*, vol. 31, No. 2, (1991), pp. 229-252.

Analysis of the development of literacy.

16(e) Agricultural extension; rural adult education

See: 734.

17(a) Armed services education

737. van Dyke, C. *Russian imperial military doctrine and education, 1832-1914*. Westport, CT: Greenwood Press, 1990. 216 p.

Case study of the Nicholas Academy of the General Staff, established in 1832.

20(c) Science education

20(d) Civic education; political training

See: 732, 737.

RUSSIA (2)

(Since 1991)

No materials located in 1991.

SLOVENIA

(Since 1991)

No materials located in 1991.

SPAIN

2(a) General overviews; collections of writings; yearbooks

738. Flecha, R. "Spanish society and adult education". *International journal of lifelong education*, vol. 9, No. 2, (1990), pp. 99-108.

Overview of the development of the concept and practice of adult education from 1763 to the present.

2(b) History of adult education

739. Collins, R. "Literacy and the laity in early medieval Spain", pp. 109-133 in *The uses of literacy in early medieval Europe* edited by R. McKitterick. Cambridge: Cambridge University Press, 1990.

Account of the extent of the continuity of a "reading public" in the Visigothic Kingdom and Arab Spain.

740. Goldman, P.B. "Dramatic works and their readership in eighteenth century Spain: Social stratification and the middle classes". *Bulletin of Hispanic studies*, vol. 66, No. 2, (1989), pp. 129-140.

741. Nalle, S.T. "Literacy and culture in early modern Castile". *Past and present*, No. 125, (1989), pp. 65-96.

Historical analysis of literacy in 16th century, and of its causes.

See also: 738, 752.

2(c) Comparative studies

See: 755.

3(a) State and adult education; legislation

See: 758.

4(c) Regional adult education systems and organizations

See: 751, 762, 763.

4(d) Local level adult education institutions and organizations

See: 760, 764.

5(a) Adult educators; staffing; training

742. Cabanas, J.Q. and Amador, J.V. "Training of adult educators in Spain", pp. 115-120 in *Training adult educa-*

tors in Western Europe edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Brief examination of the preparation of adult educators in the state sector and the private sector.

743. Díaz-Gonzáles, T."The training of educators of adults". *Higher education in Europe*, vol. 15, No. 3, (1990), pp. 10-15.

Outline of a master's degree level postgraduate course in adult education, "which is currently being taught, on an experimental basis, at the Universities of Valladolid and Salamanca".

744. Portela, P. "State of the art in education and training of library and information professionals in Spain". *Libri*, vol. 40, No. 2, (1990), pp. 126-134.

Overview of recent efforts to establish adequate training program.

745. Salas, B. "Continuous teacher training in non-sexist education: Coeducation", pp. 286-295 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

See also: 759.

6(b) Research in adult education

See: 747.

8(a) University extension; universities and adult education

746. Osario, A.R. "Links between universities and adult education--a Spanish perspective". *International journal of university adult education*, vol. 29, No. 1, (1990), pp. 39-56.

Overview of the emerging new role in the 1980s for Spanish universities in serving the needs of the broad adult population.

9(b) Voluntary associations; societies; clubs

See: 751.

10(a) Correspondence study; distance education; open learning

747. Alvarez, M.A. "Research into postgraduate distance education: Evaluation of a course on translation studies at UNED, Spain". *Research in distance education*, vol.3, No. 3, (1991), pp. 2-4.

Evaluation report.

748. del Campo Adrián, E. and Palanco, G.L. "Description of a distance teacher training course: 'Reading; Basic learning with a view to scholastic achievement'". *Bul-*

letin, International Council for Distance Education, vol. 25, (January, 1991), pp. 50-56.

Description of a course designed to provide primary, secondary and technical college teachers "with theoretical and practical knowledge of the problems involved in teaching and learning to read".

749. Ferrán Ferrer, J. and Sarramona, J. *Distance training for management in small and medium-sized enterprises and craft undertakings in Spain*. Berlin CEDEFOP, 1989. 98 p.

750. Garrido, J.L.G. "Overview of Spanish and Latin American distance higher education". *The American journal of distance education*, vol. 5, No. 2, (1991), pp. 64-68.

Outline of development since the 1960s, and current situation, and description of the National University for Distance Education.

11(b) Press; publishing

See: 740, 741.

12(a) Libraries

See: 744.

14(a) Community development

751. Evans, R. "Andalucia: The SOC and community education", pp. 41-52 in *Community education in the Western World* edited by C. Poster and A. Krüger. London: Routledge, 1990.

Overview of the ideology and community education activities of the Agricultural Workers' Syndicate in Southern Spain.

15(a) Literacy; adult basic education

752. Frago, A.V. "The history of literacy in Spain: Evolution, traits, and questions". *History of education quarterly*, vol. 30, No. 4, (1990), pp. 573-599.

Historical analysis of the development of literacy since the 1500s.

See also: 739, 741.

15(c) Post-secondary education, higher education

See: 750.

16(a) Vocational and technical education; apprenticeship

753. European Centre for the Development of Vocational Training. *Adult vocational guidance in Spain*. Berlin: CEDEFOP, 1989. 155 p.

754. Homs Ferret, O.; Marsal Amenos, F.; Bertzeleton, T. *Occupational profiles and learning requirements at level 3 in Spanish textile and clothing industry*. Berlin: CEDEFOP, 1990. 166 p.

755. Meijer, K. "Reforms in vocational education and training in Italy, Spain and Portugal: Similar objectives, different strategies". *European journal of education*, vol. 26, No. 1, (1991), pp. 13-27.

Comparison of recent developments in vocational education and training in the three countries, set into the larger framework of the European Community.

16(b) Training in business, industry and government

See: 749.

16(c) Professional continuing education; in-service training

756. Carballido, J.F. and Zanon, A. "Current status of the continuing education of engineers in Spain: Specific example". *Weiterbildung in Wirtschaft und Technik*, No. 2, (1990), pp. 29-32.

757. Petherbridge-Hernandez, P. "Teacher preparation in a bilingual setting: In-service training for teachers in Catalonia". *Journal of multilingual and multicultural development*, vol. 11, No. 3, (1990), pp. 215-226.

Describes development of two successful innovative in-service programs preparing teachers to use bilingual instruction in Catalonia.

See also: 748.

16(d) Retraining; upgrading

See: 753.

16(e) Agricultural extension; rural adult education

See: 751.

18(a) Education of women

758. Alemany, J. "Presentation and projects of the Comissió Interdepartmental de Promoció de la Dona and of the Institut Català de la Dona", pp. 296-305 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

759. Blasco, E. "Presentation of the course on coeducation for the EPA (Adult Education) teaching staff of the community of Valencia", pp. 280-285 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

760. Garcia, N. "The women's work group within the adult education group IRAUNKOR", pp. 197-202 in *Grassroots edu-*

cation for women in Europe. Amersfoort: European Bureau of Adult Education, 1991.

761. Julve, M. and Bayego, J. "The workers' training centre, Zaragoza", pp. 211-215 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

762. Lattore, C. "Work for women project in Valencia", pp. 177-184 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

763. Llorach, N. "Seminar days inauguration: Catalan Institute for Women", pp. 271-273 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

764. Moreno, F.S. "Response from the ONCE to the problems of blind or partially-sighted women in adult education", pp. 185-188 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

765. Vela, R. "Participation and dialogue: A socio-cultural awakening experiment in the Delicias Popular Culture Group Paulo Freire", pp. 203-210 in *Grassroots education for women in Europe*. Amersfoort: European Bureau of Adult Education, 1991.

19(a) Workers' education; union education; paid educational leave

See: 761, 762.

20(c) Science education; environmental education

766. Benayas, J.; Herrero, C.; de Lucio, J.V.; de Blas, P. "Some features of environmental education in Spain". *European journal of education*, vol. 26, No. 4, (1991), pp. 315-323.

Overview of school and out-of-school environmental education, with references to education of the general public.

20(g) Health education

767. Najera, P. "Health education in Spain--an overview", pp. 64-72 in *World yearbook of education 1989* edited by C. James, J. Baldwin and D. Harris. London: Kogan Page, 1989.

Brief overview of various health education campaigns and programs since 1934.

20(k) Art; drama; music education

See: 740.

20(1) Pre-retirement education; programs for retired

768. Pilley, C. "Federation of Associations of the Third Age in Catalonia (FATEC)", pp. 46-48 in *Adult education, community development and older people* by C. Pilley. London: Cassell Educational, 1990.

Outline of the work of the Federation, which has as its aim "to improve the lot of older people in the economic, socio-cultural and domestic spheres".

SWEDEN

2(a) General overviews; collections of writings; yearbooks

769. Ball, S.J. and Larsson, S. (eds.) *The struggle for democratic education: Equality and participation in Sweden*. Lewes, UK: The Falmer Press, 1989. 224 p.

Several articles dealing with adult education listed here further on under appropriate headings.

770. Hultinger, E-S. "Sweden", pp. 293-353 in *Adult education in Europe: Nordic countries I and II* edited by J. Engelhardt. Prague: European Centre for Leisure and Education, 1989.

Translation of a comprehensive study of all aspects of adult education, first published in 1982.

2(b) History of adult education

See: 790, 830.

2(c) Comparative studies

771. Abrahamsson, K. *Adult education in Sweden and the United States*. Stockholm: Swedish Information Service, 1990. 13 p.

772. Abrahamsson, K. "Prior life experience and adult education", pp. 162-167 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Examination of practices of 'credit for experience' in colleges and universities in Sweden and USA, and of programs where best use is made of experiential learning.

773. Drobnic, S.; Hartmann, J.; Rus, V.; Volanen, M.V. "The transition from school to work and the employment system: A comparison of experiences in Czechoslovakia, Finland, Sweden and Yugoslavia", pp. 124-151 in *Youth, education and work in Europe* edited by W. Adamski and P. Grootings. London: Routledge, 1989.

Comparative analysis of problems of transition from school to work, based on analysis and evaluation of qualitative differences between the four countries.

3(a) State and adult education; legislation

774. Abrahamsson, K. "Reading our future", pp. 89-112 in *Swedish aspects on literacy* edited by B. Ericson. Stockholm: Swedish National Board of Education, 1991.

Paper on "Swedish policies on adult literacy, work transformation and active citizenship".

775. Campbell, C.P. and Richardson, Wm.E. "Vocational training and full employment: The case of Swedish economic policy". *International education*, vol. 20, No. 1, (1990), pp. 5-8.

776. Ministry of Education and Cultural Affairs. *New Swedish cultural environment protection*. Stockholm: The Ministry, 1989. 9 p.

Outline overview of the situation since the new legislation passed in 1974.

777. Ministry of Education and Cultural Affairs. *Swedish state cultural policy: Objectives, measures and results*. Stockholm: The Ministry, 1990. 382 p.

778. Rubenson, Kjell. "Swedish adult education policy in the 1970s and 1980s", pp. 117-136 in *The struggle for democratic education* edited by S.J. Ball and S. Larsson Lewes, UK: The Falmer Press, 1989.

"This chapter analyzes Swedish educational reforms of the seventies and eighties with regard to their ideology, strategies, and recruitment effects."

779. Swedish National Board of Education. *Adult education in the 1990's: Considerations and proposals*. Stockholm: The Board, 1991. 50 p.

"This report comprises selected chapters of the long-term oriented budget statement for adult education... presented to the Swedish government in June 1990. Its contents reflect current values and perspectives in the Swedish policy debate on adult education."

780. Swedish National Council for Cultural Affairs. *Swedish cultural policy: A review of state cultural policies and practices*. Stockholm: The Council, 1990. 134 p.

See also: 816, 821, 830.

3(b) Financing of adult education

See: 776, 777, 778, 779, 780, 821.

4(a) International organizations; international cooperation

781. Lind, A. "Swedish cooperation with developing countries in the field of literacy", pp. 27-35 in *Swedish aspects on literacy* edited by B. Ericson. Stockholm: Swedish National Board of Education, 1991.

"The following account...concentrates on a description of the bilateral support to primary education and adult literacy channeled by the Swedish International Development Authority (SIDA)."

4(c) Regional adult education systems and organizations

See: 795, 799, 805, 832.

4(d) Local level adult education institutions and organizations

See: 797, 800, 812, 813.

5(a) Adult educators; staffing; training

782. Kasimir, Y. "Training adult educators in Sweden", pp. 189-203 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Overview analysis of the variety of training provision for pre-service and in-service training of adult educators, set against a brief outline of adult education in Sweden.

6(a) Theory of adult education

783. Ball, S.J. and Larsson, S. "Education, politics and society in Sweden: An introduction", pp. 1-17 in *The struggle for democratic education* edited by J.S. Ball and S. Larsson. Lewes, UK: The Falmer Press, 1989.

Analysis of the social structure and development of education since 1900; includes references to education of adults.

6(b) Research in adult education

784. Hjelm-Karlsson, K. "Comparison of oral, written and audio-visually based information as preparation for intravenous pyelography". *International journal of nursing studies*, vol. 26, No. 1, (1989), pp. 53-68.

Research report of a study of four ways of giving information in advance to patients about to undergo a threatening medical procedure.

785. Tuijnman, A. "Adult education and the quality of life". *International review of education*, vol. 36, No. 3, (1990), pp. 283-298.

Report of a study of "the complementary role of adult education in influencing people's objective and subjective quality of life".

786. Tuijnman, A. "Lifelong education: A test of the accumulation hypothesis". *International journal of lifelong education*, vol. 10, No. 4, (1991), pp. 275-285.

Report of a study designed to test "whether adult education, by offsetting differences in educational backgrounds, has reduced the gap in educational attainment between the initially poorly-educated and well-educated groups in the sample studied".

787. Tuijnman, A. *Recurrent education, earnings, and well-being*. Stockholm: Almquist & Wiksell, 1989. 284 p.

"This study investigates the contribution of adult education in complementing and mediating the effects of early formal schooling on life chances, job satisfaction and general well-being. Data collected for the cohort of Swedish men followed up in the Malmö study from 1938 to 1988 have been examined."

788. Tuijnman, A. and Sundin, S. "Educational stratification of the Swedish labour force: Macro trends and implications for adult education policy", pp. 169-182 in *Comparative research in adult education* edited by M. Lichtner. Frascati: CEDE, 1989.

Analysis of educational stratification as a basis for development of long-term strategies which will work for fair distribution of educational resources.

7(a) Folk high schools; residential adult education

789. Östman, B. "Coping with dyslexia in a literate society", pp. 138-147 in *Swedish aspects on literacy* edited by B. Ericson. Stockholm: Swedish National Board of Education, 1991.

Paper on "working strategies used by students at Härnösand's Folk High School".

9(b) Voluntary associations; societies; clubs

790. Arvidson, L. "Popular education and educational ideology", pp. 149-168 in *The struggle for democratic education* edited by S.J. Ball and S. Larsson. Lewes, UK: The Falmer Press, 1989.

Account of the historical development of adult education through voluntary associations in the mid-19th century, and analysis of the current situation.

9(c) Study circles; discussion groups

791. Blid, H. *Education by the people--study circles*. Stockholm: Swedish Workers' Educational Association, 1990. 72 p.

Comprehensive guidebook on the study circle method of adult education as it is practiced in Sweden.

792. Peak, G. "The Swedish study circle: Adult education for the people by the people". *Australian journal of adult and continuing education*, vol. 30, No. 3, (1990), pp. 160-165.

"This paper describes the nature of the study circle, which is the dominant mode of non-formal adult education in Sweden."

793. Rubenson, K. "Sweden: The study circles", pp. 15-37 in *Landmarks in international adult education* edited by A.N. Charters and R.J. Hilton. London: Routledge, 1989.

Overview of the genesis, current situation and mission, and assessment of this major form of adult education in Sweden.

794. Uddman, R. "Study circles in Sweden", pp. 242-244 in *Lifelong education for adults* edited by C.J. Titmus. Oxford: Pergamon Press, 1989.

Outline of "the nature, history and achievements in the country where they have for a long time been the privileged form of learning environment in adult education".

10(a) Correspondence study; distance education; open learning

795. Gustafsson, G. "Swedish distance education and regional policy". *Open learning: The journal of open and distance learning*, vol. 6, No. 3, (1991), pp. 47-51.

Account of the decentralized operation of the University of Umeå in northern Sweden.

796. Serder, V. "Public/private partnership in distance education". *Epistolodidaktika: The European journal of distance education*, No. 1, (1989), pp. 46-52.

Account of the work of the Hermods Correspondence School in the area of school and adult education in Sweden and overseas.

12(a) Libraries

797. Engström, C. and Krahner, A. "Books at work in Kalmar". *Scandinavian public library quarterly*, vol. 23, No. 1, (1990), pp. 12-13.

Outline of a project of establishing libraries at the work place in Kalmar in southern Sweden.

798. Hellman, B. "Library services for refugees and immigrants". *Scandinavian public library quarterly*, vol. 23, No. 1, (1990), pp. 16-18.

Outline of services available to language minorities in some 150 languages.

799. Höglund, A-L. "Trends within the regional library service". *Scandinavian public library quarterly*, vol. 23, No. 3, (1990), pp. 19-22.

Account of an experiment with regional services in the County of Kalmar, carried out in 1988-89.

800. Linné, B. and Lundgren, A. "Making people want to read in Luleå". *Scandinavian public library quarterly*, vol. 24, No. 3, (1991), pp. 21-22.

Outline of a reading motivation project for new Nordic literature.

801. "Literacy in Sweden" (theme issue). *Scandinavian public library quarterly*, vol. 23, No. 1, (1990). 31 p.

Collection of articles concerning extension work of the public libraries; separate articles listed here under appropriate headings.

802. Modigh, B. "All the way home to Mrs Nilsson--methods for outreach activities". *Scandinavian public library quarterly*, vol. 23, No. 4, (1990), pp. 18-20.

Overview of outreach activities of Swedish public libraries.

803. Modigh, B. "Libraries at work". *Scandinavian public library quarterly*, vol. 23, No. 1, (1990), p. 11.

Outline of the situation of libraries established at the work place for employee use.

804. Modigh, B. "The libraries' extension work". *Scandinavian public library quarterly*, vol. 23, No. 1, (1990), pp. 9-10.

Outline of extension activities of public libraries.

805. Renborg, G. "The rural districts need libraries". *Scandinavian public library quarterly*, vol. 23, No. 2, (1990), pp. 12-15.

Account of the educational role public libraries can and need to play in sparsely populated rural areas.

806. Sewall, L. "Development of hospital libraries in Sweden". *Scandinavian public library quarterly*, vol. 23, No. 1, (1990), pp. 14-15.

Outline overview of services provided by libraries established in hospitals for patients and medical personnel.

807. Sjöstedt, L. "Talking book service: Approaching complete integration". *Scandinavian public library quarterly*, vol. 23, No. 1, (1990), pp. 19-21.

Overview of the Swedish approach to library services for visually impaired.

808. Thomas, B. "The Swedish public libraries on the threshold of the 90s". *Scandinavian public library quarterly*, vol. 23, No. 1, (1990), pp. 5-8.

General outline overview of the situation and work of the libraries.

See also: 832.

15(a) Literacy; adult basic education

809. Abrahamsson, K. "The International Literacy Year in Sweden--a journey through a changing landscape", pp. 36-41 in *Swedish aspects on literacy* edited by B. Ericson. Stockholm: Swedish National Board of Education, 1991.

"This paper comprises some personal reflections on the value of the International Literacy Year in Sweden."

810. Ericson, B. (ed.) *Swedish aspects on literacy*. Stockholm: Swedish National Board of Education, 1991. 167 p.

Selected papers form the 13th IRA World Congress on Reading, held in Stockholm in July 1990; adult literacy papers listed here.

811. Larsson, S. and Fransson, A. "Who takes second chance?" pp. 64-88 in *Swedish aspects on literacy* edited by B. Ericson. Stockholm: Swedish National Board of Education, 1991.

Paper dealing with "implementing educational equality in adult basic education in a Swedish context".

See also: 774, 781, 801.

15(b) Secondary education

812. Fransson, A. "The curriculum in municipal adult education", pp. 137-148 in *The struggle for democratic education* edited by S.J. Ball and S. Larsson. Lewes, UK: The Falmer Press, 1989.

Account of the genesis and development of basic and secondary education offered by municipally run schools for adults, established in 1968.

813. Larsson, S. "*Initial encounters in formal adult education: On decision-making in the classroom*. Göteborg: Göteborg University, 1990. 36 p.

Report of a research study of a largely immigrant class in the Swedish municipal adult education system.

See also: 820.

15(c) Post-secondary education; higher education

814. Sköldberg, K. "Strategic change in Swedish higher education". *Higher education*, vol. 21, No. 4, (1991), pp. 551-572.

815. Tuijnman, A. "Dilemmas of open admission policy: quality and efficiency in Swedish higher education". *Higher education*, vol. 20, No. 4, (1990), pp. 443-457.

"This paper is concerned with the critical question as to whether the performance of the Swedish system of higher education can be considered satisfactory in a general sense and in comparison with other countries."

See also: 772, 825, 826.

15(d) Education permanente; lifelong learning; recurrent education

816. Abrahamsson, K. "Recurrent education and the labour market: Changing conceptions within Swedish post-compulsory education", pp. 271-293 in *Unemployment, education and training* edited by K. Forrester and K. Ward. Sacramento, California: Caddo Gap Press, 1991.

Outline of "some of the features characterizing the concerns and objectives informing policy developments within Sweden's post-compulsory education sector".

817. Svennigsson, L. "Erwachsenenbildung in Schweden". *Erwachsenenbildung in Österreich*, No. 5-6, (1990), pp. 7-9.

Outline in **English** of Swedish philosophy of recurrent/lifelong education and its application, especially as concerns workers and employees (although the title of the article is in German, the article itself is in English).

See also: 787, 828.

16(a) Vocational and technical education; apprenticeship

818. Abrahamsson, K.; Hultinger, E-S.; Svenningsson, L. *The expanding learning enterprise in Sweden*. Stockholm: Swedish National Board of Education, 1990. 120 p.

"A study of the education and training of the Swedish labour force forming part of a comprehensive survey commissioned by CERI, Centre for Educational Research and Innovation at the OECD."

819. Ellström, P-E. and Svedin, P-O. "Between work and education", pp. 169-190 in *The struggle for democratic education* edited by S.J. Ball and S. Larsson. Lewes, UK: The Falmer Press, 1989.

Analysis of labour market training as one of the most important measures for implementing Swedish labour market policy.

820. Opper, S. "Sweden: The 'integrated' upper secondary school as main provider of vocational education". *European journal of education*, vol. 24, No. 2, (1989), pp. 139-157.

Deals primarily with secondary school vocational education, but contains also sections on apprenticeship, on-the-job training and follow up.

821. Organisation for Economic Co-operation and Development. *Further education and training of the labou. force. Country reports: Sweden*. Paris: OECD, 1990. 94 p.

See also: 775.

16(b) Training in business, industry and government

822. Marsick, V.J. and Watkins, K.E. *Informal and incidental learning in the workplace*. London: Routledge, 1990.

Chapter 3 (pp. 55-77) deals with "How managers learn from experience: A Swedish experiment".

823. Swedish International Development Authority. *Personnel training--ideas and proposals*. Stockholm: SIDA, 1989. 51 p.

Analysis of current and future needs for employee training in Sweden.

824. Tuijnman, A. *Further education and training in Swedish working life: A discussion of trends and issues*. Paris: OECD, 1989. 127 p.

Examination of the place of further education and training in collective bargaining, and of the potential and limits of government intervention in training in business and industry.

See also: 806, 818, 819, 821, 828.

16(c) Professional continuing education; in-service training

825. Jalling, H. "Training departmental heads in Sweden". *Higher education management*, vol. 1, No. 2, (1989), pp. 127-133.

Overview of the development of department head training in Swedish universities and its current situation.

826. Meijer, F. "Training heads of department in effective leadership". *Higher education management*, vol. 1, No. 2, (1989), pp. 198-200.

Overview of a training course developed at the Karolinska Institute (specializing in medicine, dentistry and physiotherapy).

See also: 818.

16(d) Retraining; upgrading

827. Berglind, H. *Training older workers in Sweden*. Geneva: International Labour Organisation, 1989. 20 p.

Report forming part of an ILO project examining the contemporary situation in member countries regarding training of older workers.

828. Gestrelius, K. *Developing the competencies for work: Educational strategies for the older labour force*. Malmö: Malmö School of Education, 1989. 16 p.

Paper presented at a conference on New Approaches of Adult Education, held at the Krogrup Folk High School in Denmark in May 1989.

See also: 818, 821.

16(e) Agricultural extension; rural adult education

See: 805.

17(a) Armed services education

829. Swärdenheim, B. "The training of the Swedish army", pp. 90-107 in *The educating of armies* edited by M.D. Stephens. New York: St. Martin's Press, 1989.

Overview of the historical development, current state and future prospects of education and training in the armed forces.

19(a) Workers' education; union education; paid educational leave

See: 817, 827.

20(a) General education; humanities; liberal arts

See: 800.

20(b) Languages

See: 833.

20(d) Civic education; political training

830. Bron-Wojciechowska, A. "Adult education and the state: The case of Sweden", pp. 403-416 in *The state and adult education* edited by F. Pöggeler. New York: Peter Lang, 1990.

Overview of the historical development of adult education in Sweden, and of its major role in the democratization process in state and society.

831. Englund, T. "Educational conceptions and citizenship education", pp. 32-66 in *The struggle for democratic education* edited by S.J. Ball and S. Larsson. Lewes, UK: The Falmer Press, 1989.

"This study analyzes the Swedish education system and the development of its curriculum in the context of society, with the emphasis on the role the individual

is expected to fulfil as a citizen"; includes references to adults.

See also: 774.

20(g) Health education

See: 784, 806.

20(l) Pre-retirement education; programs for retired

832. Modigh, B. "Hunting for pensioners: A project to promote the reading interests of elderly people". *Scandinavian public library quarterly*, vol. 22, No. 3, (1989) pp. 21-23.

Account of a regional project to test strategies of promoting library services to the elderly living at home and to identify the proper medium between the local library and the elderly.

20(m) Immigrant, ethnic minority, multicultural education

833. Hill, H. "Discourse in adult education: The language education of adult immigrants in Sweden". *International journal of lifelong education*, vol. 9, No. 4, (1990), pp. 289-315.

Analysis of "how some prominent, highly legitimized discourse forms in adult education have both affected and been affected by (1) certain historical conditions and (2) the everyday socio-institutional context in which a program was actually carried out".

See also: 798.

SWITZERLAND

2(a) General overviews; collections of writings; yearbooks

834. Dominicé, P. and Finger, M. *Adult education in Switzerland*. Zurich: Pro Helvetia, 1990. 91 p.

Comprehensive account of the current provision of adult education at all levels.

835. Steiger, R. "Switzerland: Adult education--state of the art and development prospects". *Western European education*, vol. 21, No. 3, (1989), pp. 72-74.

Abridged translated outline highlighting current state and future prospects of adult education.

2(c) Comparative studies

836. Matheson, D.J. "Non-vocational, non-formal further education in Highland Region in Scotland and the Canton of Valais in Switzerland". *Comparative education*, vol. 27, No. 2, (1991), pp. 153-164.

Comparative examination and assessment of the stage of development of general continuing education in the two regions.

4(a) International organizations; international cooperation

See: 839.

5(a) Adult educators; staffing; training

837. Rohrer, C. "Training adult educators in Switzerland", pp. 140-146 in *Training adult educators in Western Europe* edited by P. Jarvis and A. Chadwick. London: Routledge, 1991.

Overview of the pre-service and in-service training provided by the University of Geneva, the Academy for Adult Education in Lucerne and the Swiss Federation for Adult Education.

6(b) Research in adult education

838. Schläpfer, T.E.; Groner, M.; Lavoyer, E.; Fisch, H-U. "Visual masking: A reliable measure for the assessment of cognitive dysfunction in the elderly?". *Journals of gerontology*, vol. 46, No. 4, (1991), pp. 157-161.

Report of a research study "to assess the potential of visual masking to monitor the effects of treatment on cognitive dysfunction of elderly subjects".

10(a) Correspondence study; distance education; open learning

839. Peraya, D. and Wenger, M. "The development of multi-media distance education prototype". *Educational media international*, vol. 26, No. 4, (1990), pp. 212-215.

Account of the planning, development and production of a multi-media prototype French language course in the Canton of Geneva.

11(a) Educational radio and television; educational technology

840. Wenger, M. "Multi-mediality in distance education and further training". *Educational media international*, vol. 26, No. 3, (1989), pp. 153-156.

Outline of the principles of multi-mediality, consideration of the place of media in education and training, and the needs of continuing education.

See also: 839.

16(a) Vocational and technical education; apprenticeship

See: 836.

16(b) Training in business, industry and government

See: 840.

20(b) Languages

See: 839.

20(c) Science education; environmental education

841. Finger, M. "Environmental adult education from the perspective of the adult learner". *Convergence*, vol. 22, No. 4, (1989), pp. 25-31.

Analysis of possibilities for and impact of environmental adult education through an individual case study.

20(l) Pre-retirement education; programs for retired

See: 838.

UKRAINE

(Since 1991)

No materials located in 1991.

U.S.S.R.

(To 1991)

2(a) General overviews; collections of writings; yearbooks

842. Dohmen, G. "The end of the wall in adult education". *International journal of lifelong education*, vol. 10, No. 3, (1991), pp. 239-242.

"This article considers the position of the *Volkshochschule* in East Germany and compares its future with that of adult education in the USSR."

2(b) History of adult education

843. Baker, W. and Hurych, J. "Trotsky's vision of libraries". *American libraries*, vol. 22, No. 11, (1991), pp. 1030-1032.

Account of Trotsky's ideas on the role of libraries and librarians in the 1920s.

844. Mally, L. *Culture of the future: The Proletkult movement in revolutionary Russia*. Berkeley, California: University of California Press, 1990. 306 p.

Historical analysis of the origins and accomplishments of the revolutionary cultural-educational movement in the early years of the Soviet Union.

845. Mironov, B.N. "The development of literacy in Russia and the USSR from the tenth to the twentieth century". *History of education quarterly*, vol. 31, No. 2, (1991), pp. 229-252.

Analysis of the development of literacy.

2(c) Comparative studies

846. Barber-Madden, R. and Glanz, K. "Participatory learning in continuing nursing education: Soviet edition of a public health and medicine trivia game". *Journal of continuing education in nursing*, vol. 20, No. 3, (1989), pp. 128-131.

Report "on the use and evaluation of an experimental innovative educational approach using adult learning techniques in a continuing education program for nurses in cross-cultural setting".

See also: 842, 847.

2(d) Biographies

See: 875.

3(a) State and adult education; legislation

847. White, A. *De-Stalinization and the house of culture.* London: Routledge, 1990. 195 p.

Comparative analysis of "declining state control over leisure in the USSR, Poland and Hungary".

See also: 855.

5(a) Adult educators; staffing; training

See: 843.

6(a) Theory of adult education

848. Fillipov, F. "Continuous education, democracy, and society". *Soviet education*, vol. 32. No. 3, (1990), pp. 44-56.

Thoughts on the need for lifelong education.

849. Onushkin, V. "Adult education in the system of lifelong education", pp. 73-76 in *Comparative research in adult education* edited by M. Lichtner. Frascati: CEDE, 1989.

Outline of the concept of lifelong education and of adult education's place within it, from a Marxist point of view.

See also: 853, 862.

6(b) Research in adult education

See: 871, 872.

9(a) Town and village cultural centres; community schools

See: 847.

9(b) Voluntary associations; societies; clubs

850. Yourilin, S."Volunteer work in the USSR", pp. 21-24 in *State and civil society in Western and Eastern Europe* edited by J. Heinsius and J. Houben. Utrecht: Volont-europe/C.I.V., 1989.

Text based on an interview by L. Hoekendijk, dealing with the current situation and developments in volunteer work in the Soviet Union.

See also: 844.

10(a) Correspondence study; distance education; open learning

851. Lampikoski, K. "Experiences, opportunities and problems of distance education in the Soviet Union and Hungary". *Epistolodidaktika: The European journal of distance education*, No. 1, (1991), pp. 43-50.

Account of the management training project in the USSR, organized by the Institute of Marketing in Helsinki.

852. Zaitsev, Y. "Education by correspondence in the system of higher education in the USSR". *Epistolodidaktika: The European journal of distance education*, No. 2, (1991), pp. 25-28.

Brief overview of the situation of correspondence education in the 1990s.

12(a) Libraries

See: 843.

15(a) Literacy; adult basic education

853. Shadrikov, V. and Pakhomov, N. *From eradication of illiteracy to a new concept of literacy*. Moscow: USSR State Committee for Public Education, Research Centre for Quality Control in Specialist's Training, 1990. 90 p.

See also: 845.

15(b) Secondary education

854. Orlova, I.N. "The difficult adolescent in night school" *Soviet education*, vol. 33, No. 9, (1991), pp. 80-93.

Account of the difficulties which arose since adolescents who completed the eighth grade have been permitted to complete secondary education as night school students, while they are working.

15(c) Post-secondary education; higher education

855. Avis, G. "The Soviet higher education reform: Proposals and reactions". *Comparative education*, vol. 26, No. 1, (1990), pp. 5-12.

Overview of the reform instituted in 1987.

856. Merkuriev, S. "'Soviet' higher education in a changing political, social and economic context: A scenario for the future". *Prospects*, vol. 21, No. 3, (1991), pp. 413-420.

Overview of developments since 1917, and a scenario for future development, written before the break-up of the Soviet Union.

857. Savelyev, A.Y. et al. *Higher education in the USSR*. Bucharest: European Centre for Higher Education, 1990. 96 p.

Description of the higher education system in the former Soviet Union; some references to education of adults.

858. Smirnov, A.G. and Kleho, Yu. Ya. "University education in the USSR". *International journal of university adult education*, vol. 28, No. 3, (1989), pp. 30-44.

Overview of the role of and development of higher education institutions in the former Soviet Union, with some references to adult education.

See also: 852, 866, 867.

16(b) Training in business, industry and government

859. Ekaterinoslavskii, I.I. "Diagnosis, destruction and creation". *Soviet education*, vol. 33, No. 12, (1991), pp. 75-83.

Outline of "a new conception of training managers for the market economy".

860. Kruglov, V.V. "Recent developments in management education in the USSR". *Soviet education*, vol. 33, No. 11, (1991), pp. 31-36.

Account of development of, among other, short-term training seminars and retraining courses for managers.

861. Orlov, A. and Tkachenko, Iu. "How to teach about the market economy". *Soviet education*, vol 33, No. 11, (1991), pp. 11-14.

Outline account of the need for and suggested ways and means of in-service training.

862. Prigozhin, A.I. "Game methods of collective decision making in management consulting". *Soviet education*, vol. 33, No. 12, (1991), pp. 25-45.

Overview of the application of social-psychological game methods in management training in Russia.

863. Puffer, S.M. (ed.) "Management education--Part I: The status of management education in the USSR" (theme issue). *Soviet education*, vol. 33, No. 11, (1991). 81 p.

Articles offering an overview of types of programs and curricula that have been developed, and identifying difficulties to be overcome to truly change the management of the economy; appropriate single articles listed here.

864. Rapoport, V.S. "Managerial diagnosis". *Soviet education*, vol. 33, No. 12, (1991), pp. 8-24.

"Practical experiences and recommendations" of a Russian management education consultant.

865. Tarasov, V.K. "Personnel-technology: The selection and training of managers". *Soviet education*, vol. 33, No., 12, (1991), pp. 46-74.

Overview of the training techniques used in the Tallinn School of Managers in the Estonian Republic.

866. Vikhanskii, O.S. "Let's train managers for the market economy". *Soviet education*, vol. 33, No. 11, (1991), pp. 37-44.

Article outlining concerns about spontaneous and rapid growth of non-government business schools, and an account of the new School of Management at the Moscow State University.

867. Zhuplev, A.V. "Soviet management education in a time of change". *Soviet education*, vol. 33, No. 11, (1991), pp. 15-30.

Comprehensive overview of pre-service, in-service and continuing education programs in management training.

See also: 874.

16(c) Professional continuing education; in-service training

868. Kalnins, I. and Kalnins, Z.P. "Brief: Continuing education needs assessment of nursing leaders in the Latvian Republic, 1990". *Journal of continuing education in nursing*, vol. 22, No. 4, (1991), pp. 167-169.

Brief report on curriculum development work carried out in Latvia by two Latvia-American nurses in the summer of 1990.

869. Iarmachenko, N.D. "The Union of Pedagogical Societies in the USSR". *Soviet education*, vol. 33, No. 2, (1991), pp. 6-21.

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(Serbia and Montenegro since 1991)

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Netherlands: 656, 668, 669.
Norway: 696, 705, 707, 710.
Poland: 719, 722.
Portugal: 726, 728.
Spain: 750.
Sweden: 772, 814, 815, 825, 826.
U.S.S.R.: 852, 855, 856, 857, 858, 866, 867.
Yugoslavia: 886, 887, 888, 890.

15(d) Education permanente; life-long learning; recurrent education

Europe: 199, 202, 203, 204, 205, 206, 207, 208.
Netherlands: 651.
Sweden: 787, 816, 817, 828.

16(a) Vocational and technical education; apprenticeship

Europe: 5, 20, 50, 57, 58, 61, 64, 66, 75, 76, 77, 83, 84, 92, 93, 125, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 249, 260, 273, 275.
Albania: 224.
Austria: 324, 325.
Bulgaria: 340.
Czechoslovakia: 350.
Denmark: 357, 364, 376.
Finland: 403, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443.
France: 465, 477, 478, 479.
Germany, Federal Republic of: 508, 514, 528, 550, 551, 552, 553, 554, 555, 556, 557, 558.
Germany, since 1991: 583, 584, 586.
Greece: 588, 594, 595.
Hungary: 611.
Italy: 616, 628, 629, 630, 634.
Netherlands: 667, 670, 671.
Norway: 706.
Poland: 720.
Portugal: 723, 729.
Spain: 753, 754, 755.
Sweden: 775, 818, 819, 820, 821.
Switzerland: 836.

16(b) Training in business, industry and government

Europe: 50, 66, 75, 77, 92, 93, 137, 147, 209, 212, 214, 216, 217, 229, 231, 234, 238, 245, 246, 247, 248, 249, 250, 251, 252, 253, 263.
Austria: 324.
Belgium: 327.
Denmark: 353, 357.
Finland: 403, 438, 439, 440, 441, 442, 443.
France: 465, 472, 480, 481, 482.
Germany, Federal Republic of: 514, 536, 558, 559, 560, 561, 563.
Greece: 588, 595, 596.
Italy: 616, 618, 622, 625, 626, 630, 631.
Netherlands: 645, 653, 671, 672, 673.
Portugal: 723, 725, 730.
Spain: 749.
Sweden: 806, 818, 819, 821, 822, 823, 824, 828.
Switzerland: 840.
U.S.S.R.: 859, 860, 861, 862, 863, 864, 865, 866, 867, 874.

16(c) Professional continuing education; in-service training

Europe: 6, 50, 66, 92, 187, 209, 216, 238, 254, 255, 256, 257, 258.
Austria: 322, 324.
Belgium: 327, 334.
Bulgaria: 341.
Denmark: 353, 357, 377.
Finland: 403, 407, 414, 439, 441, 442, 444.
France: 465, 483.
German Democratic Republic: 500.
Germany, Federal Republic of: 562, 568.
Hungary: 604, 606, 612.
Italy: 616, 624, 632, 637.
Netherlands: 644, 674, 675, 676, 677, 678.
Norway: 707, 708, 709, 710.
Poland: 721.
Portugal: 723.
Spain: 748, 756, 757.
Sweden: 818, 825, 826.
U.S.S.R.: 846, 851, 868, 869, 870, 871, 872, 874.
Yugoslavia: 885, 889.

16(d) Retraining; upgrading

Europe: 50, 66, 92, 209, 212, 216, 217, 229, 230, 238, 239, 259, 260, 261, 262, 263, 264, 265, 266, 305.
Austria: 324.
Belgium: 327, 335.
Denmark: 353, 357, 373, 378.
Finland: 437, 438, 439, 445.
France: 465, 484, 485.
Germany, Federal Republic of: 556, 563, 564, 565, 569.
Italy: 616.
Netherlands: 644, 671, 679, 680.
Portugal: 723.
Spain: 753.
Sweden: 818, 821, 827, 828.

16(e) Agricultural extension; rural adult education

Europe: 267, 268, 269.

Scandinavia: 314.
Netherlands: 681, 682.
Norway: 711.
Russia, pre-1917: 734.
Spain: 751.
Sweden: 805.

17(a) Armed services education

Europe: 270, 271.
Russia, pre-1917: 737.
Sweden: 829.
U.S.S.R.: 873.

18(a) Education of women

Europe: 5, 272, 273, 274, 275.
Finland: 445, 446.
France: 845.
Germany, Federal Republic of: 566, 567, 568.
Greece: 597, 598.
Italy: 633, 634.
Netherlands: 655, 683, 684, 685.
Norway: 695, 712.
Spain: 759, 760, 761, 762, 763, 764, 765.

19(a) Workers' education; union education; paid educational leave

Europe: 64, 106, 276, 277, 278, 279, 280, 281, 282.
Austria: 317.
Belgium: 335.
Denmark: 369, 379.
Finland: 447.
German Democratic Republic: 501.
Germany, Federal Republic of: 564, 569, 570.
Germany, pre-1945: 493, 494.
Netherlands: 647.
Poland: 722.
Spain: 761, 762.
Sweden: 817, 827.
U.S.S.R.: 874.
Yugoslavia: 890.

20(a) General education; humanities; liberal arts

Europe: 229, 266, 271.
Austria: 321.
Belgium: 336.
Finland: 448.
Norway: 703.
Sweden: 800.

20(b) Languages

Europe: 283.
Sweden: 833.
Switzerland: 839.

20(c) Science education; environmental education

Europe: 214, 284.
Austria: 321.
Belgium: 337.
Finland: 410.
France: 486.
Germany, Federal Republic of: 571.
Germany, since 1991: 585, 586.
Greece: 599.
Italy: 635.
Spain: 766.
Switzerland: 841.
U.S.S.R.: 875.

20(d) Civic education; political training

Europe: 56, 87, 271, 285, 286, 287, 288, 289, 290, 291, 292, 293.
Finland: 449.
France: 473, 487.
German Democratic Republic: 497, 502.
Germany, Federal Republic of: 505, 523, 572, 573, 574.
Germany, pre-1945: 495.
Germany, since 1991: 580.
Greece: 600.
Hungary: 603.
Italy: 636.
Netherlands: 683, 686.
Russia, pre-1917: 732, 737.
Sweden: 774, 830, 831.
U.S.S.R.: 873, 874.
Yugoslavia: 879, 881.

20(e) Family life education; parent education

Italy: 637.
U.S.S.R.: 869.

20(f) Consumer education; cooperative education

Europe: 294.
France: 460.

20(g) Health education

Europe: 295, 296.
Scandinavia: 316.
Denmark: 375, 380, 381.
Finland: 450, 451, 452, 453.
Italy: 637.
Netherlands: 654, 687.
Norway: 713.
Spain: 767.
Sweden: 784, 806.
U.S.S.R.: 846, 876.

20(h) Physical education; sports; recreation

Europe: 297, 298, 299.
France: 459.

20(i) Religious education

Europe: 300.

20(j) Hobbies; arts and crafts

None.

20(k) Art; drama; music education

Europe: 33.
Denmark: 372.
Finland: 454.
Germany, Federal Republic of: 505.
Spain: 740.

20(l) Pre-retirement education; programs for retired

Europe: 262, 263, 301, 302, 303, 304, 305, 306.
Belgium: 338, 339.
Denmark: 372, 382, 383, 384.
Finland: 455, 456, 457, 458.
Germany, Federal Republic of: 524, 525, 563, 575, 576.
Netherlands: 667, 688.
Norway: 695.
Spain: 768.
Sweden: 832.
Switzerland: 838.
Yugoslavia: 891.

20(m) Immigrant, ethnic minority, multicultural education

Europe: 13, 14, 102, 107, 212, 307.
Finland: 420.
Germany, Federal Republic of: 522, 577, 578.
Sweden: 798, 833.